

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
UTU-74805

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
Lone Tree Unit

8. Lease Name and Well No.  
Lone Tree Federal N-15-9-17

9. API Well No.  
43-013-33933

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Newfield Production Company

3a. Address  
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

10. Field and Pool, or Exploratory  
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NW/4SW 2119' FSL 786' FWL

At proposed prod. zone 2640' FSL 1415' FWL

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 15, T9S R17E

5. Distance in miles and direction from nearest town or post office\*

Approximately 17.6 miles southeast of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

6. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drilg. unit line, if any) Approx. 1415' f/lse, 2640' f/unit

16. No. of Acres in lease

520.00

17. Spacing Unit dedicated to this well

20 Acres

7. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1175'

19. Proposed Depth

5750'

20. BLM/BIA Bond No. on file

WYB000493

8. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5262' GL

22. Approximate date work will start\*  
2 nd Quarter 2008

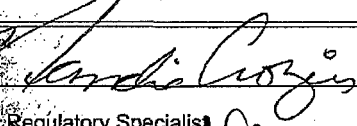
23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

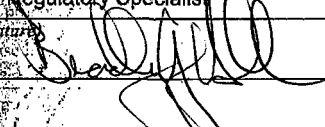
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  


Name (Printed/Typed)  
Mandie Crozier

Date  
3/7/08

Title  
Regulatory Specialist

Approved by (Signature)  


Name (Printed/Typed)  
BRADLEY G. HILL  
OFFICE  
ENVIRONMENTAL MANAGER

Date  
03-24-08

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Surf

BHL

585635X  
4431476Y  
40.031047  
-109.996356

Federal Approval of this  
Action is Necessary

585447X  
4431316Y  
40.029633  
-109.998583

LONE TREE N-15-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 01' 46.24"  
LONGITUDE = 109° 59' 57.72"

**NEWFIELD PRODUCTION COMPANY  
LONE TREE FEDERAL #N-15-9-17  
AT SURFACE: NW/SW SECTION 15, T9S, R17E  
DUCHESE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1194'
Green River	1194'
Wasatch	5750'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1194' – 5750' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY  
LONE TREE FEDERAL #N-15-9-17  
AT SURFACE: NW/SW SECTION 15, T9S, R17E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Lone Tree Federal #N-15-9-17 located in the NW 1/4 SW 1/4 Section 15, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.6 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed in a southerly direction - 2.7 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly - 1.3 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.4 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly 0.2 miles  $\pm$  to it's junction with the beginning of the access road to the existing Federal 13-15H-9-17 well lcoation.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 13-15H-9-17 well pad. See attached Topographic Map "B".

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Federal 13-15H-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Lone Tree Federal N-15-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358



Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Lone Tree Federal N-15-9-17 will be drilled off of the existing Federal 13-15H-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

None for the proposed Lone Tree Federal N-15-9-17.

**Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardeneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

**Details of the On-Site Inspection**

The proposed Lone Tree Federal N-15-9-17 was on-sited on 1/15/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production ), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground covered by snow.

**LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

**Representative**

Name: Kevan Stevens  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

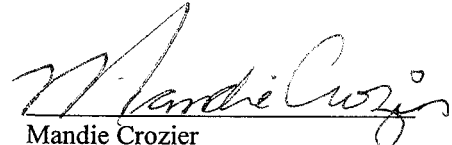
**Certification**

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #N-15-9-17 Section 15, Township 9S, Range 17E: Lease UTU-74805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/7/08

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC  
Site: Lone Tree  
Well: Lone Tree N-15-9-17  
Wellbore: OH  
Design: Plan #1

Field Exploration Co.

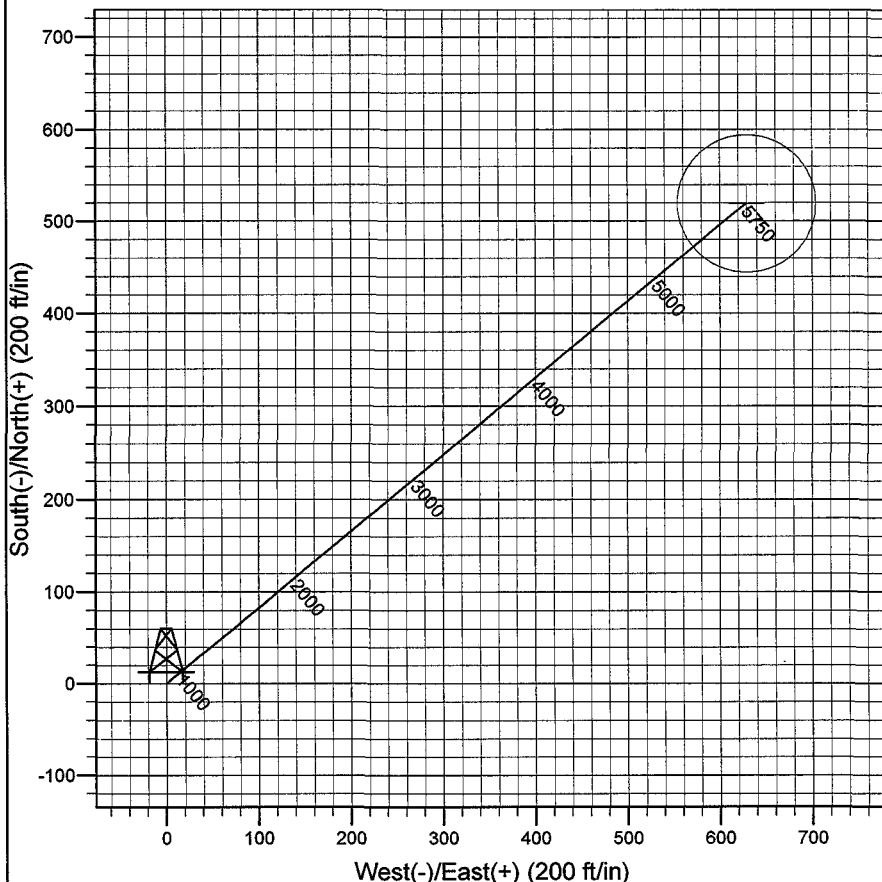
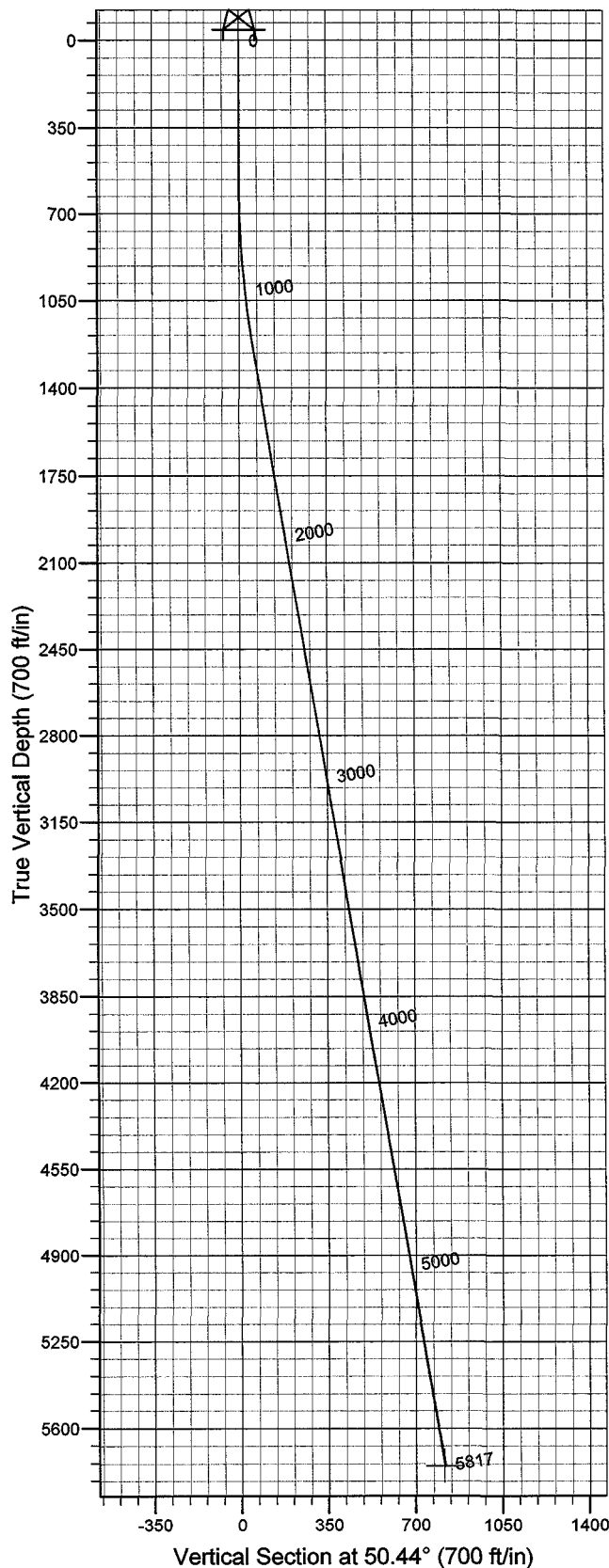


Azimuths to True North  
Magnetic North: 11.70°

Magnetic Field  
Strength: 52625.2snT  
Dip Angle: 65.88°  
Date: 2008-02-17  
Model: IGRF2005-10

WELL DETAILS: Lone Tree N-15-9-17

GL 5262' & RKB 12' @ 5274.00ft 5262.00  
+N/-S 0.00 +E/-W 0.00 Northing 7183012.36 Easting 2060601.88 Latitude 40° 1' 46.240 N Longitude 109° 59' 57.720 W



Plan: Plan #1 (Lone Tree N-15-9-17/OH)

Created By: Julie Cruse Date: 2008-02-17

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone  
Location:  
System Datum: Mean Sea Level  
Local North: True North

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
	31239.18	9.59	50.44	1236.20	33.98	41.13	1.50	50.44	53.35	
	45816.92	9.59	50.44	5750.00	519.58	628.96	0.00	0.00	815.81	LT N-15-9-17 PBHL

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**Lone Tree**

**Lone Tree N-15-9-17**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**17 February, 2008**

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Lone Tree  
**Well:** Lone Tree N-15-9-17  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Lone Tree N-15-9-17  
**TVD Reference:** GL 5262' & RKB 12' @ 5274.00ft  
**MD Reference:** GL 5262' & RKB 12' @ 5274.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Project** Duchesne County, UT NAD83 UTC

**Map System:** US State Plane 1983  
**Geo Datum:** North American Datum 1983  
**Map Zone:** Utah Central Zone  
**System Datum:** Mean Sea Level

**Site** Lone Tree,

**Site Position:** Northing: 7,181,560.11 ft Latitude: 40° 1' 31.690 N  
**From:** Lat/Long Easting: 2,061,801.00 ft Longitude: 109° 59' 42.620 W  
**Position Uncertainty:** 0.00 ft Slot Radius: in Grid Convergence: 0.96 °

**Well** Lone Tree N-15-9-17, 2640' FSL 1415' FWL Sec 15 T9S R17E

**Well Position** +N/-S 0.00 ft Northing: 7,183,012.36 ft Latitude: 40° 1' 46.240 N  
+/-E-W 0.00 ft Easting: 2,060,601.88 ft Longitude: 109° 59' 57.720 W  
**Position Uncertainty** 0.00 ft Wellhead Elevation: ft Ground Level: 5,262.00 ft

**Wellbore** OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-02-17	11.70	65.89	52,625

**Design** Plan #1

**Audit Notes:**

**Version:** Phase: PLAN Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	50.44

### Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,239.18	9.59	50.44	1,236.20	33.98	41.13	1.50	1.50	0.00	50.44	
5,816.92	9.59	50.44	5,750.00	519.58	628.96	0.00	0.00	0.00	0.00	LT N-15-9-17 PBHL

# Scientific Drilling

## Planning Report

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**Company:** Newfield Exploration Co.  
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**Wellbore:** OH  
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**TVD Reference:** GL 5262' & RKB 12' @ 5274.00ft  
**MD Reference:** GL 5262' & RKB 12' @ 5274.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	50.44	699.99	0.83	1.01	1.31	1.50	1.50	0.00
800.00	3.00	50.44	799.91	3.33	4.04	5.23	1.50	1.50	0.00
900.00	4.50	50.44	899.69	7.50	9.08	11.77	1.50	1.50	0.00
1,000.00	6.00	50.44	999.27	13.33	16.13	20.92	1.50	1.50	0.00
1,100.00	7.50	50.44	1,098.57	20.81	25.19	32.68	1.50	1.50	0.00
1,200.00	9.00	50.44	1,197.54	29.95	36.26	47.03	1.50	1.50	0.00
1,239.18	9.59	50.44	1,236.20	33.98	41.13	53.35	1.50	1.50	0.00
1,300.00	9.59	50.44	1,296.17	40.43	48.94	63.48	0.00	0.00	0.00
1,400.00	9.59	50.44	1,394.77	51.04	61.78	80.14	0.00	0.00	0.00
1,500.00	9.59	50.44	1,493.38	61.65	74.63	96.80	0.00	0.00	0.00
1,600.00	9.59	50.44	1,591.98	72.26	87.47	113.45	0.00	0.00	0.00
1,700.00	9.59	50.44	1,690.58	82.86	100.31	130.11	0.00	0.00	0.00
1,800.00	9.59	50.44	1,789.19	93.47	113.15	146.76	0.00	0.00	0.00
1,900.00	9.59	50.44	1,887.79	104.08	125.99	163.42	0.00	0.00	0.00
2,000.00	9.59	50.44	1,986.39	114.69	138.83	180.07	0.00	0.00	0.00
2,100.00	9.59	50.44	2,085.00	125.29	151.67	196.73	0.00	0.00	0.00
2,200.00	9.59	50.44	2,183.60	135.90	164.51	213.39	0.00	0.00	0.00
2,300.00	9.59	50.44	2,282.20	146.51	177.35	230.04	0.00	0.00	0.00
2,400.00	9.59	50.44	2,380.81	157.12	190.19	246.70	0.00	0.00	0.00
2,500.00	9.59	50.44	2,479.41	167.73	203.03	263.35	0.00	0.00	0.00
2,600.00	9.59	50.44	2,578.01	178.33	215.88	280.01	0.00	0.00	0.00
2,700.00	9.59	50.44	2,676.62	188.94	228.72	296.66	0.00	0.00	0.00
2,800.00	9.59	50.44	2,775.22	199.55	241.56	313.32	0.00	0.00	0.00
2,900.00	9.59	50.44	2,873.82	210.16	254.40	329.98	0.00	0.00	0.00
3,000.00	9.59	50.44	2,972.43	220.76	267.24	346.63	0.00	0.00	0.00
3,100.00	9.59	50.44	3,071.03	231.37	280.08	363.29	0.00	0.00	0.00
3,200.00	9.59	50.44	3,169.63	241.98	292.92	379.94	0.00	0.00	0.00
3,300.00	9.59	50.44	3,268.24	252.59	305.76	396.60	0.00	0.00	0.00
3,400.00	9.59	50.44	3,366.84	263.20	318.60	413.25	0.00	0.00	0.00
3,500.00	9.59	50.44	3,465.44	273.80	331.44	429.91	0.00	0.00	0.00
3,600.00	9.59	50.44	3,564.04	284.41	344.28	446.57	0.00	0.00	0.00
3,700.00	9.59	50.44	3,662.65	295.02	357.12	463.22	0.00	0.00	0.00
3,800.00	9.59	50.44	3,761.25	305.63	369.97	479.88	0.00	0.00	0.00
3,900.00	9.59	50.44	3,859.85	316.23	382.81	496.53	0.00	0.00	0.00
4,000.00	9.59	50.44	3,958.46	326.84	395.65	513.19	0.00	0.00	0.00
4,100.00	9.59	50.44	4,057.06	337.45	408.49	529.84	0.00	0.00	0.00
4,200.00	9.59	50.44	4,155.66	348.06	421.33	546.50	0.00	0.00	0.00
4,300.00	9.59	50.44	4,254.27	358.67	434.17	563.16	0.00	0.00	0.00
4,400.00	9.59	50.44	4,352.87	369.27	447.01	579.81	0.00	0.00	0.00
4,500.00	9.59	50.44	4,451.47	379.88	459.85	596.47	0.00	0.00	0.00
4,600.00	9.59	50.44	4,550.08	390.49	472.69	613.12	0.00	0.00	0.00
4,700.00	9.59	50.44	4,648.68	401.10	485.53	629.78	0.00	0.00	0.00
4,800.00	9.59	50.44	4,747.28	411.71	498.37	646.43	0.00	0.00	0.00
4,900.00	9.59	50.44	4,845.89	422.31	511.21	663.09	0.00	0.00	0.00
5,000.00	9.59	50.44	4,944.49	432.92	524.06	679.75	0.00	0.00	0.00
5,100.00	9.59	50.44	5,043.09	443.53	536.90	696.40	0.00	0.00	0.00
5,200.00	9.59	50.44	5,141.70	454.14	549.74	713.06	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Lone Tree  
**Well:** Lone Tree N-15-9-17  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Lone Tree N-15-9-17  
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**MD Reference:** GL 5262' & RKB 12' @ 5274.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	9.59	50.44	5,240.30	464.74	562.58	729.71	0.00	0.00	0.00
5,400.00	9.59	50.44	5,338.90	475.35	575.42	746.37	0.00	0.00	0.00
5,500.00	9.59	50.44	5,437.51	485.96	588.26	763.02	0.00	0.00	0.00
5,600.00	9.59	50.44	5,536.11	496.57	601.10	779.68	0.00	0.00	0.00
5,700.00	9.59	50.44	5,634.71	507.18	613.94	796.34	0.00	0.00	0.00
5,800.00	9.59	50.44	5,733.31	517.78	626.78	812.99	0.00	0.00	0.00
5,816.92	9.59	50.44	5,750.00	519.58	628.96	815.81	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LT N-15-9-17 PBHL	0.00	0.00	5,750.00	519.58	628.96	7,183,542.42	2,061,222.03	40° 1' 51.375 N	109° 59' 49.634 W
- hit/miss target									
- Shape									
- plan hits target center									
- Circle (radius 75.00)									

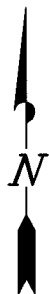
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

LONE TREE N-15-9-17 (Proposed Well)

LONE TREE 13-15H-9-17 (Existing Well)

Pad Location: NWSW Section 15, T9S, R17E, S.L.B.&M.

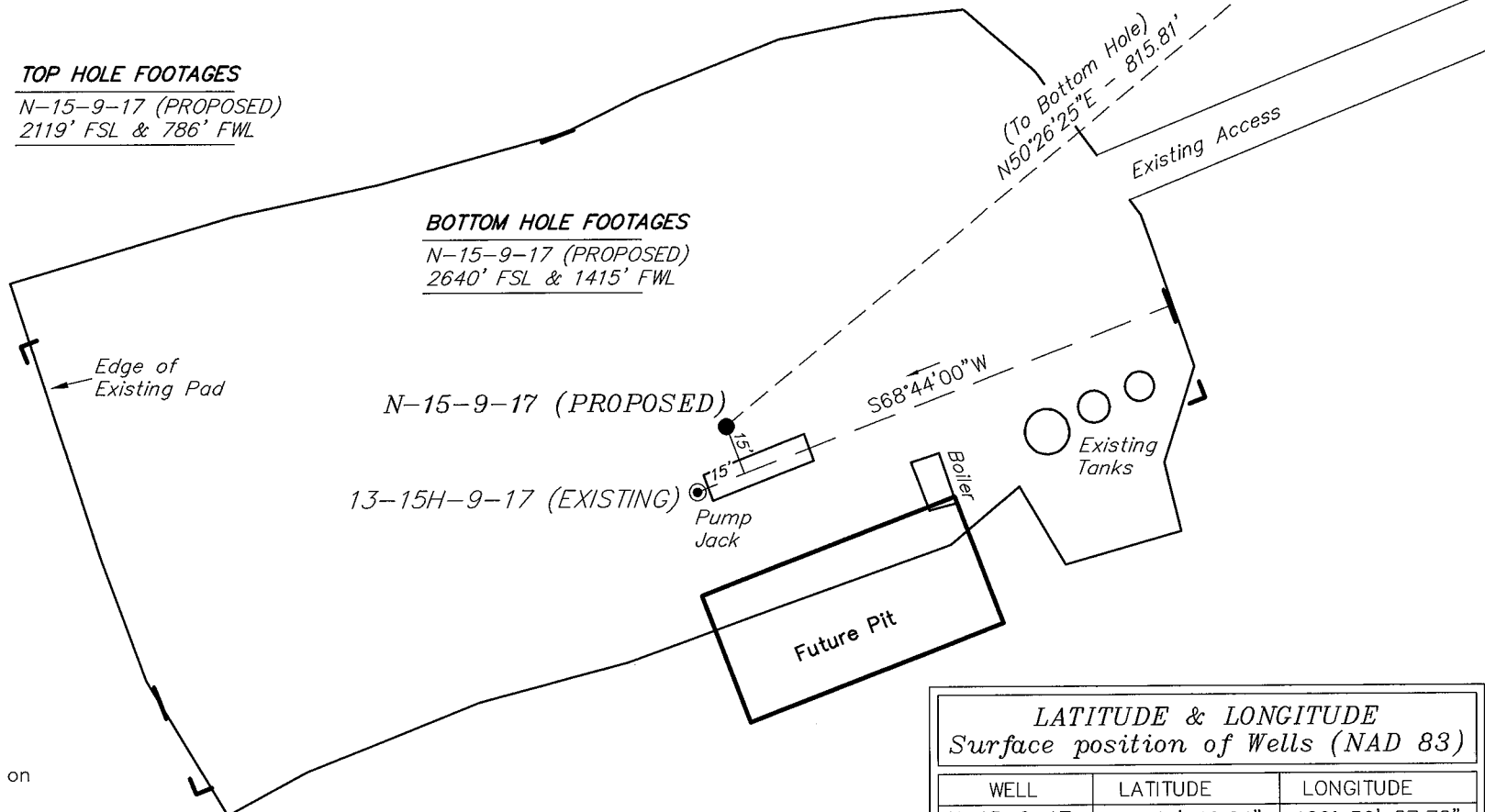


### TOP HOLE FOOTAGES

N-15-9-17 (PROPOSED)  
2119' FSL & 786' FWL

### BOTTOM HOLE FOOTAGES

N-15-9-17 (PROPOSED)  
2640' FSL & 1415' FWL



### Note:

Bearings are based on  
GLO Information.

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
N-15-9-17	520'	629'

SURVEYED BY: T.H.	DATE SURVEYED: 11-29-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-07
SCALE: 1" = 50'	REVISED: L.C.S. 02-08-08

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
N-15-9-17	40° 01' 46.24"	109° 59' 57.72"
13-15H-9-17	40° 01' 46.05"	109° 59' 57.83"

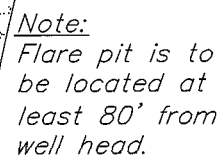
**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



LONE TREE N-15-9-17 (Proposed Well)  
LONE TREE 13-15H-9-17 (Existing Well)

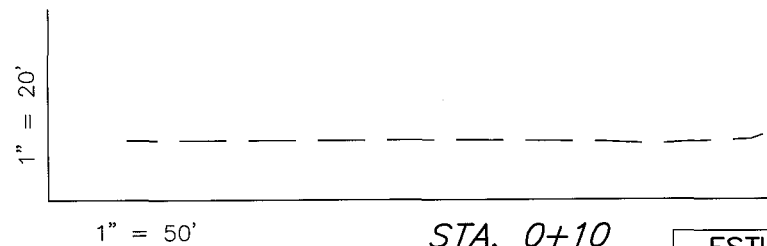
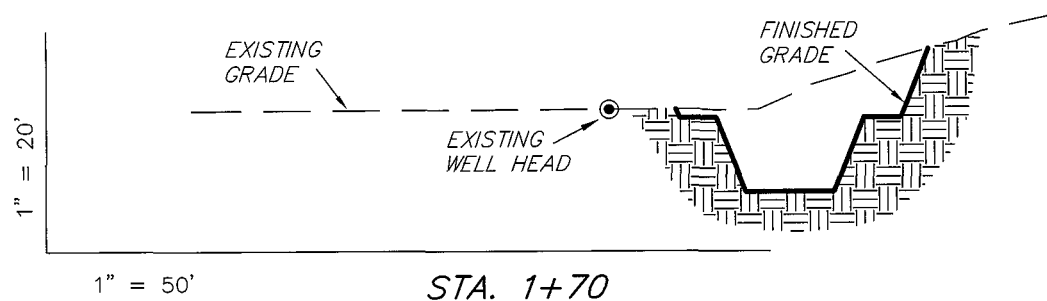
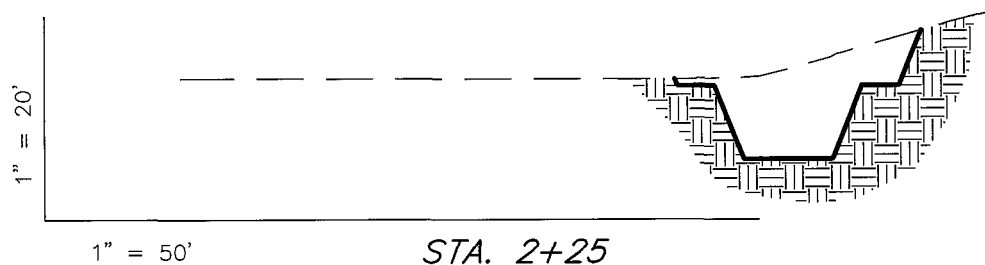
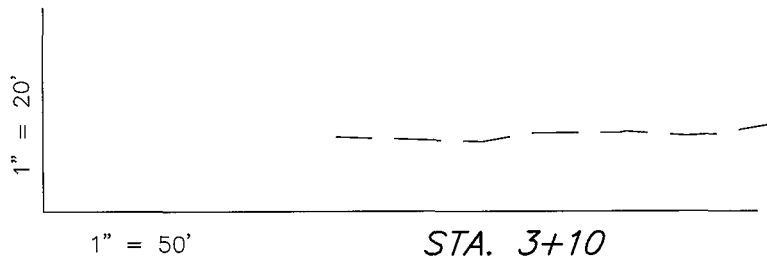


**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

LONE TREE N-15-9-17 (Proposed Well)  
LONE TREE 13-15H-9-17 (Existing Well)



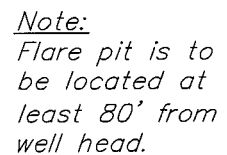
NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	900	0	Topsoil is not included in Pad Cut	900
PIT	640	0		640
TOTALS	1,540	0	150	1,540

SURVEYED BY: T.H.	DATE SURVEYED: 11-29-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-07
SCALE: 1" = 50'	REVISED:

*Tri State*  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

*LONE TREE N-15-9-17 (Proposed Well)*  
*LONE TREE 13-15H-9-17 (Existing Well)*



**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# Newfield Production Company Proposed Site Facility Diagram

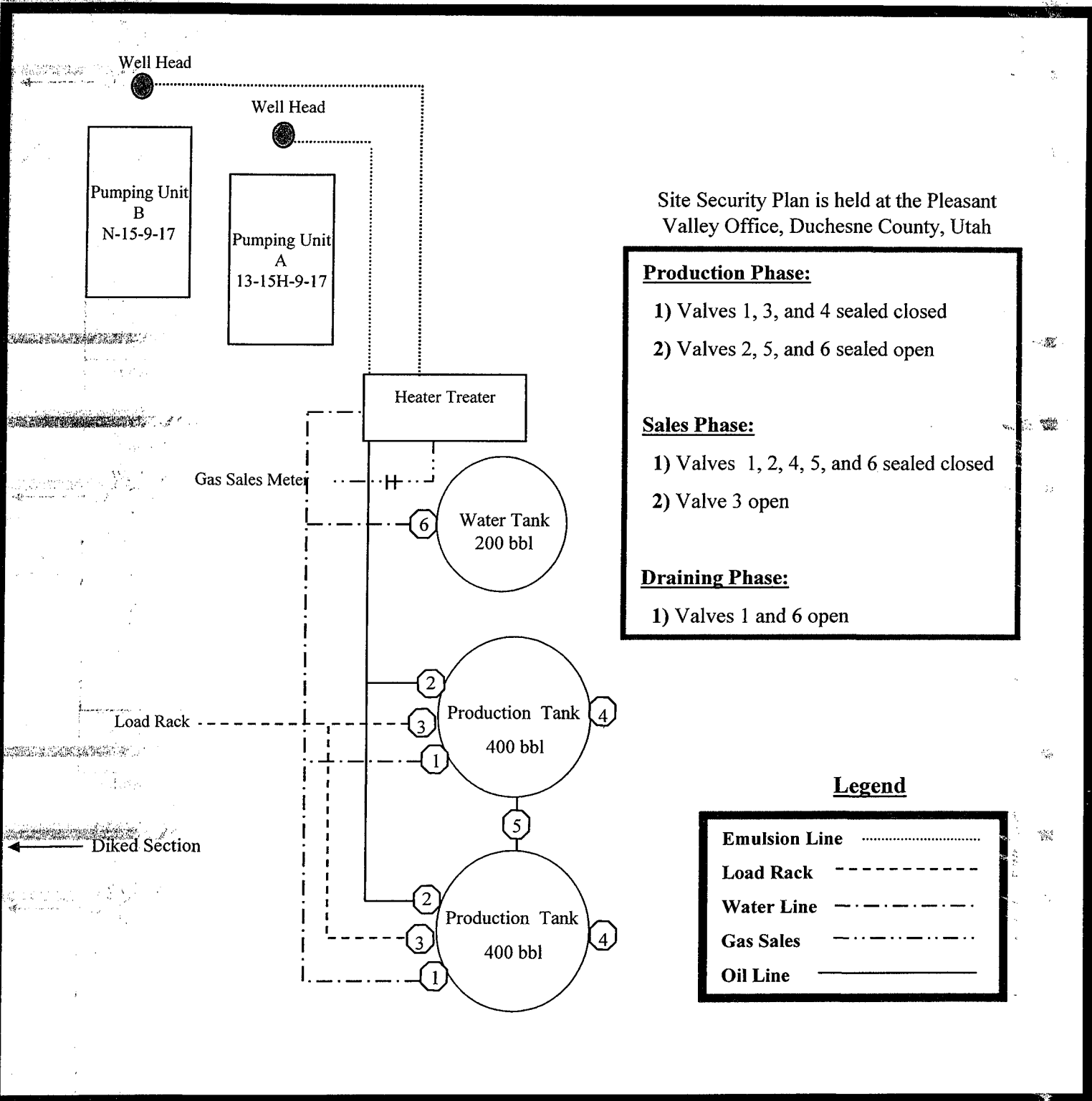
Lone Tree Federal N-15-9-17

From the 13-15H-9-17 Location

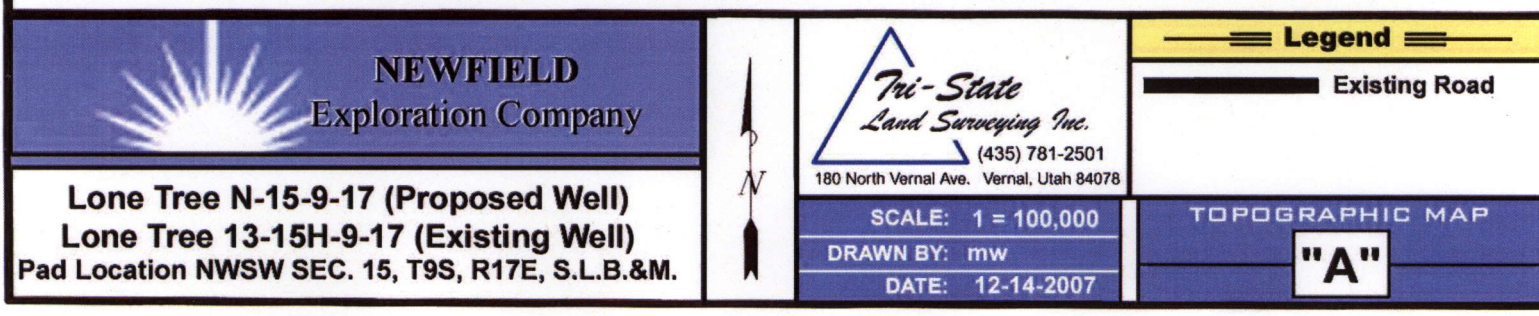
NW/SW Sec. 15 T9S, R17E

Duchesne County, Utah

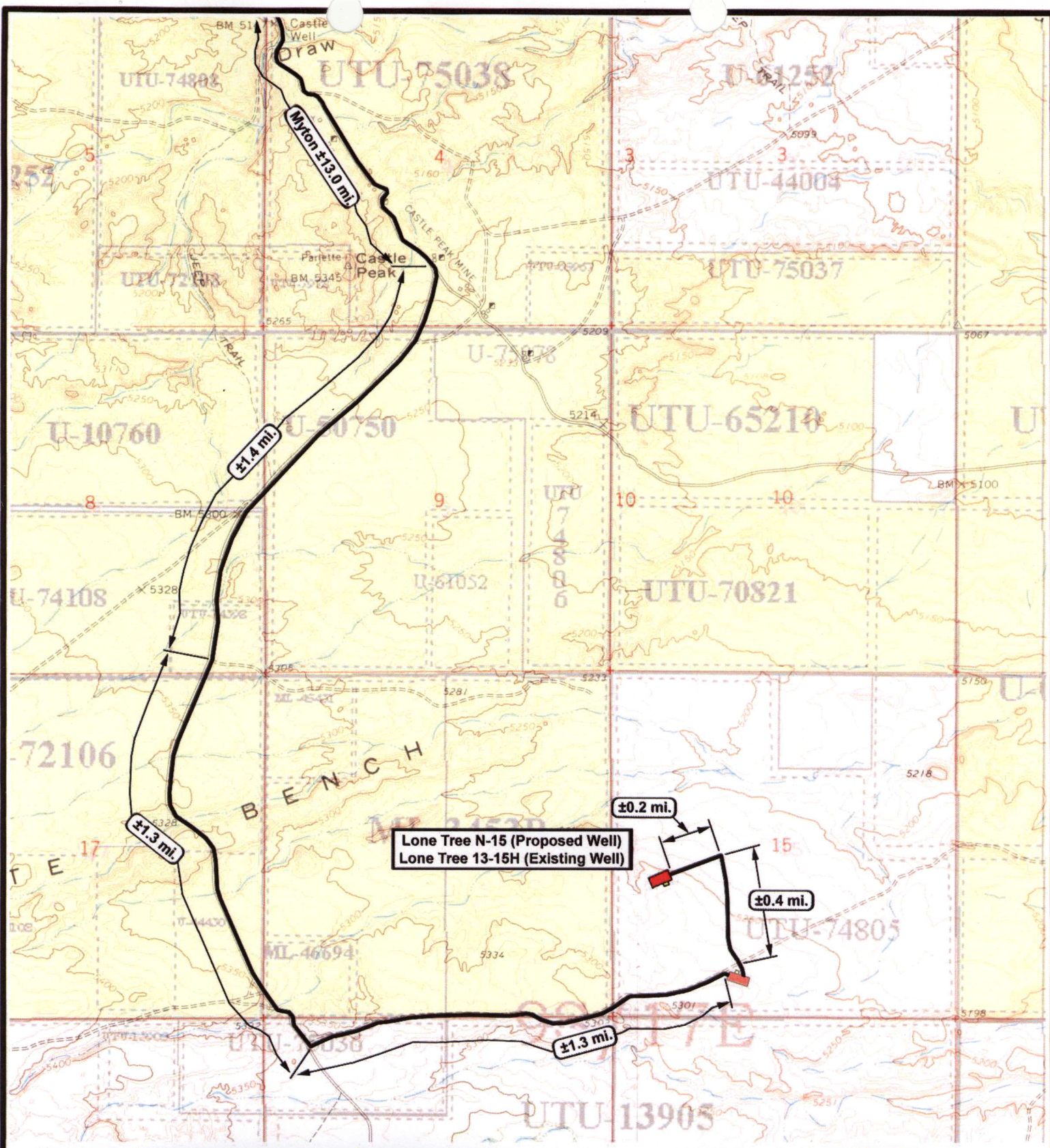
UTU-74805

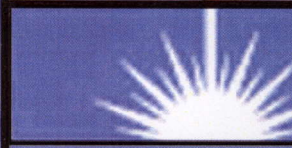












**NEWFIELD**  
Exploration Company

**Lone Tree N-15-9-17 (Proposed Well)**  
**Lone Tree 13-15H-9-17 (Existing Well)**  
 Pad Location NWSW SEC. 15, T9S, R17E, S.L.B.&M.






**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 12-14-2007

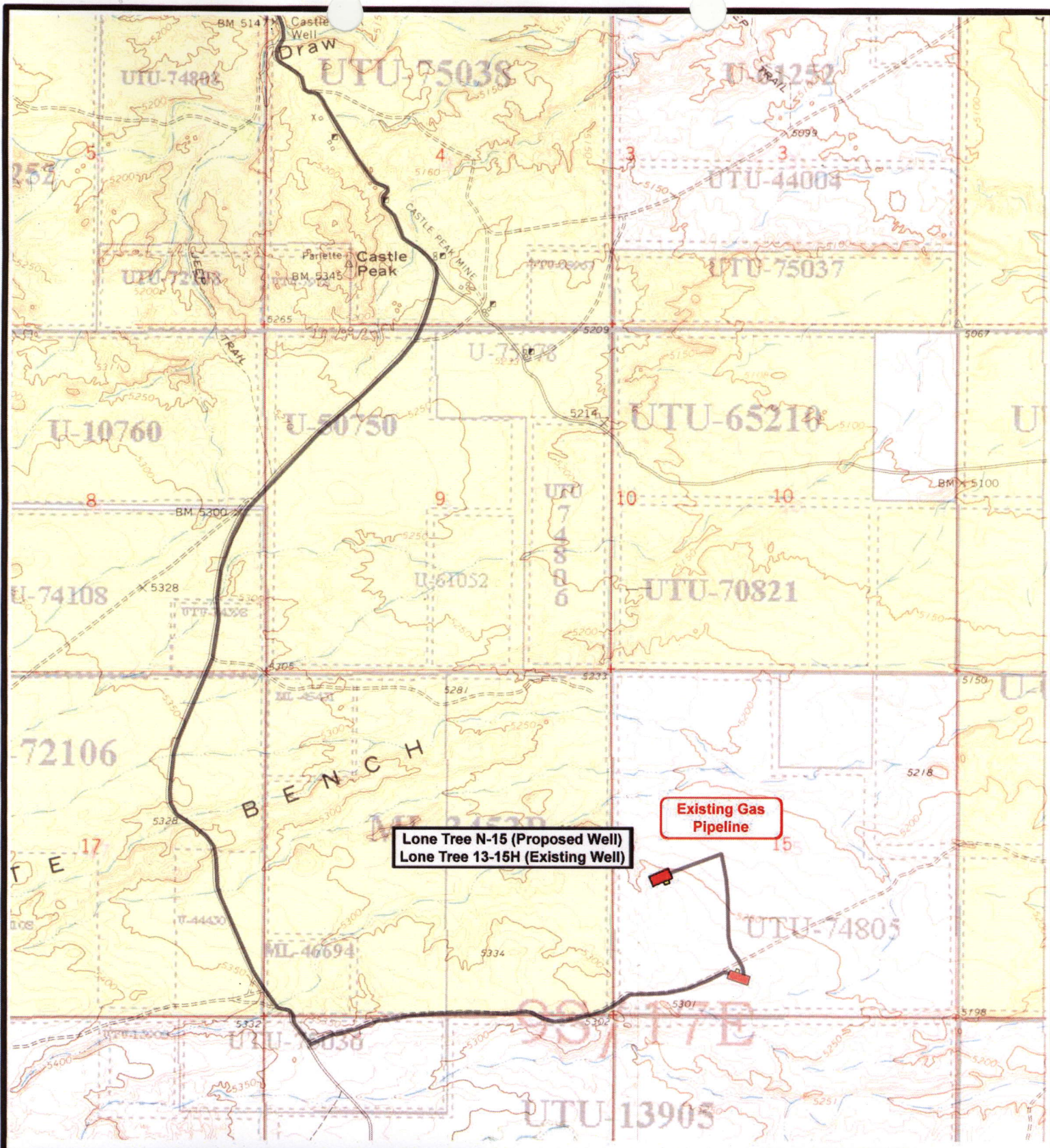
**Legend**




 Existing Road

**TOPOGRAPHIC MAP**

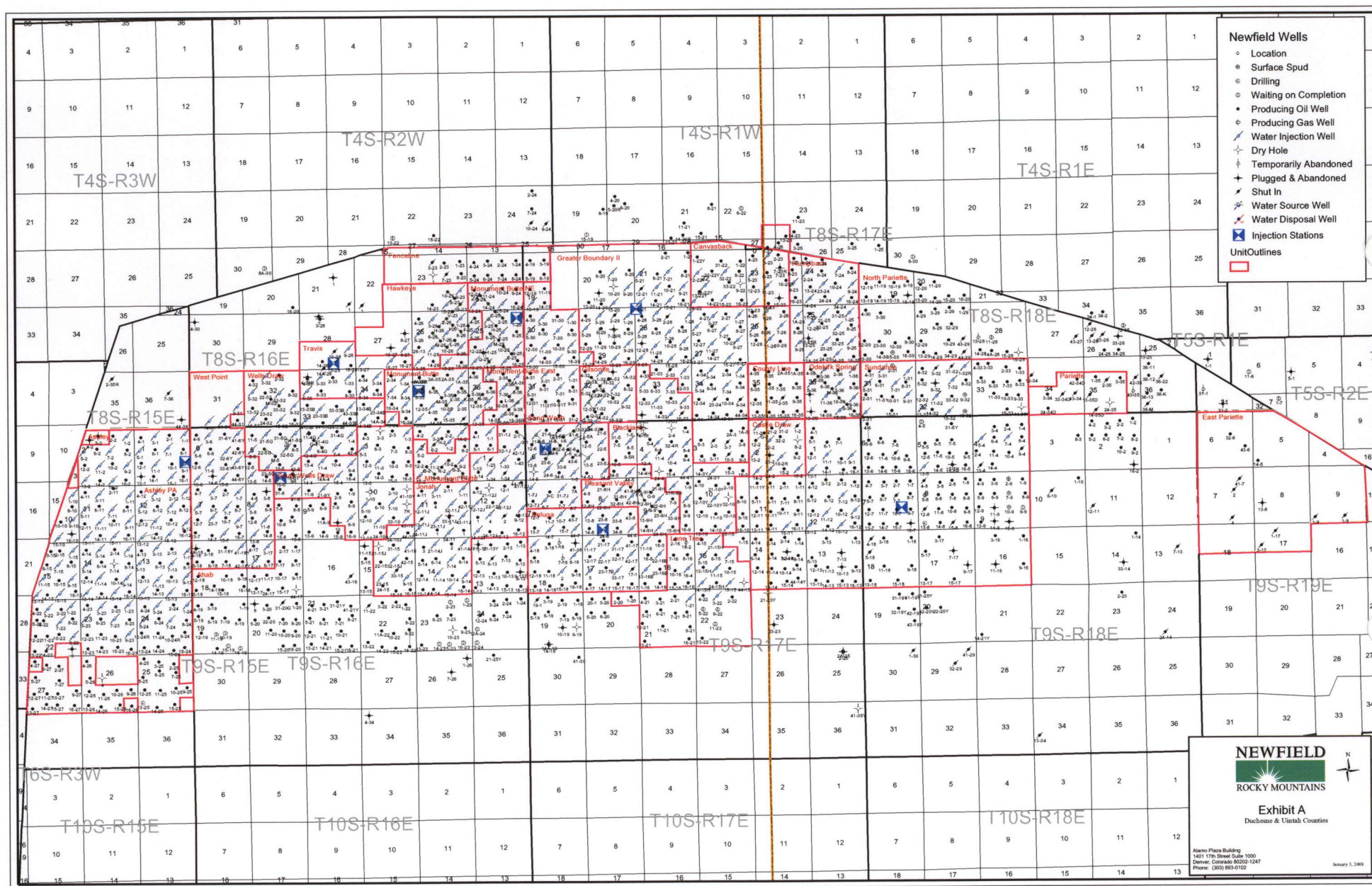
**"B"**



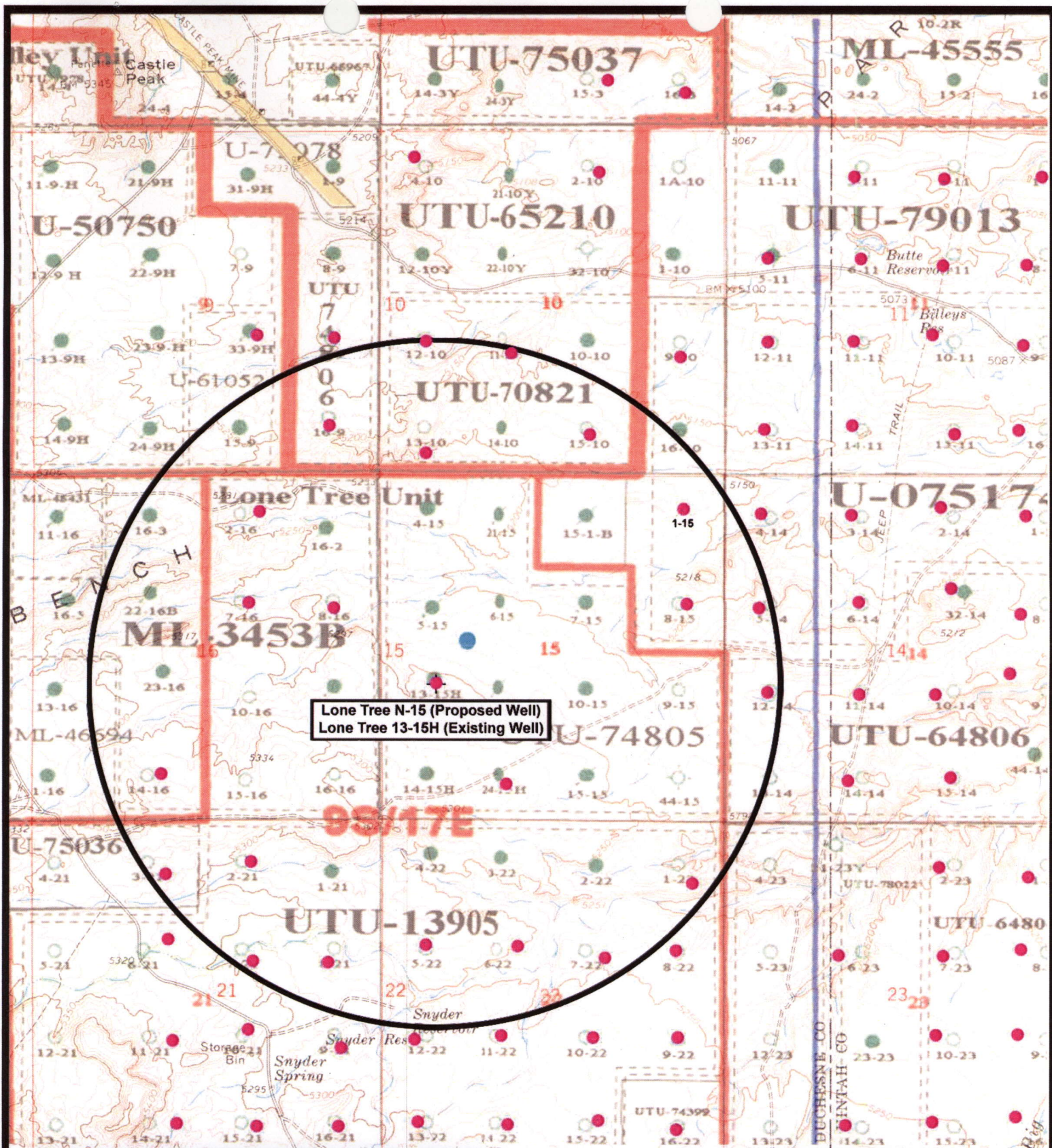


 <p><b>NEWFIELD</b> Exploration Company</p> <p><b>Lone Tree Q-15-9-17 (Proposed Well)</b> <b>Lone Tree 13-15H-9-17 (Existing Well)</b> Pad Location NWSW SEC. 15, T9S, R17E, S.L.B.&amp;M.</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 12-14-2007</p>	<p><b>Legend</b></p> <p>— Roads</p> <p><b>TOPOGRAPHIC MAP</b></p> <p><b>"C"</b></p>
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Lone Tree N-15 (Proposed Well)  
Lone Tree 13-15H (Existing Well)

**NEWFIELD**  
Exploration Company

**Lone Tree N-15-9-17 (Proposed Well)**  
**Lone Tree 13-15H-9-17 (Existing Well)**  
Pad Location NWSW SEC. 15, T9S, R17E, S.L.B.&M.



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 12-14-2007

**Legend**

- Pad Location
- Bottom Hole Location
- One-Mile Radius

**Exhibit "B"**



# 2-M SYSTEM

Blowout Prevention Equipment Systems

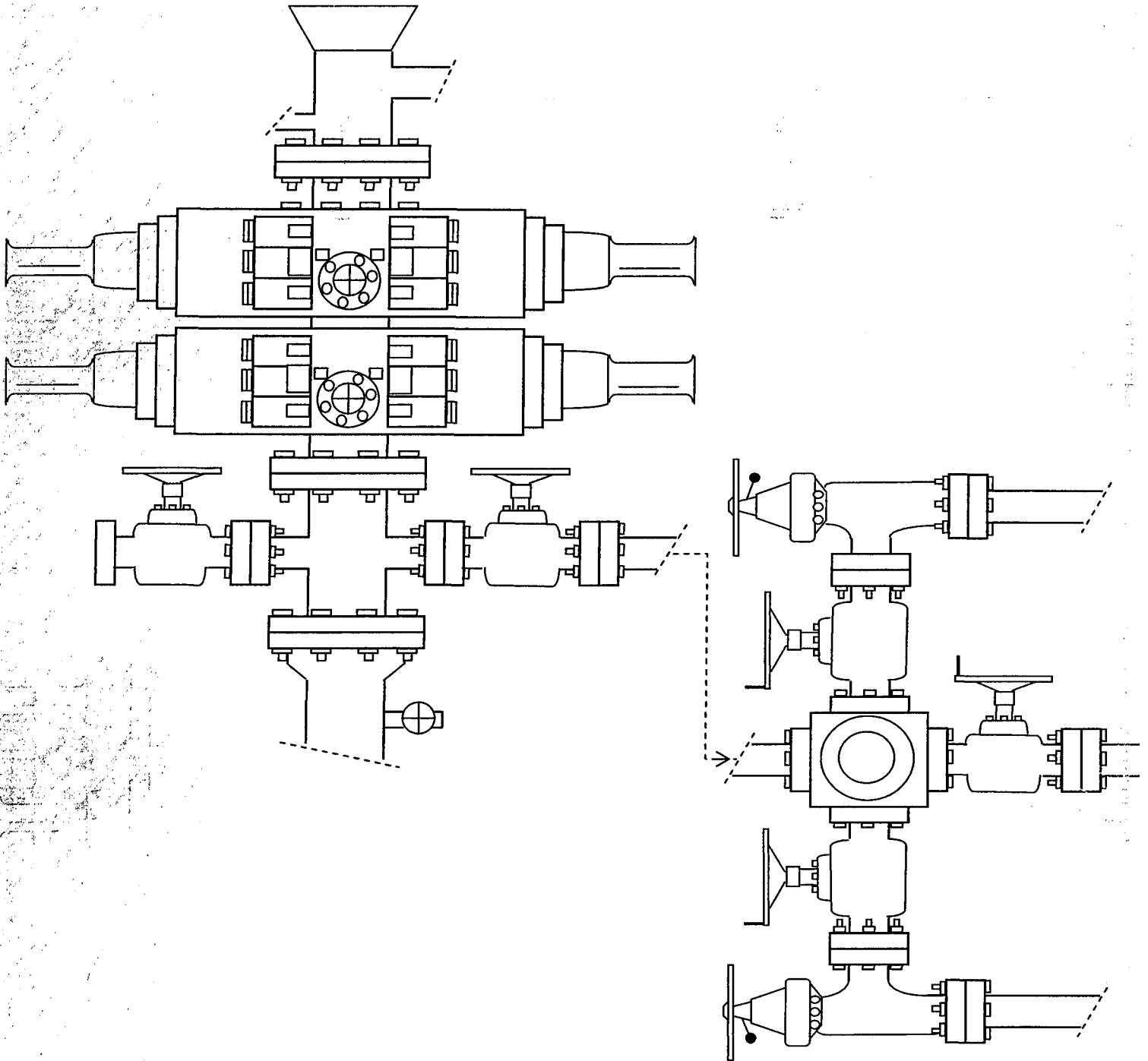


EXHIBIT C

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/14/2008

API NO. ASSIGNED: 43-013-33933

WELL NAME: LONE TREE FED N-15-9-17

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

**PROPOSED LOCATION:**

NWSW 15 090S 170E

SURFACE: 2119 FSL 0786 FWL

BOTTOM: 2640 FSL 1415 FWL

COUNTY: DUCHESNE

LATITUDE: 40.02963 LONGITUDE: -109.9986

UTM SURF EASTINGS: 585447 NORTHINGS: 4431316

FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74805

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-10136 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

       R649-2-3.

Unit: LONE TREE (GRRV)

       R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

       R649-3-3. Exception

       Drilling Unit

Board Cause No: 228-5

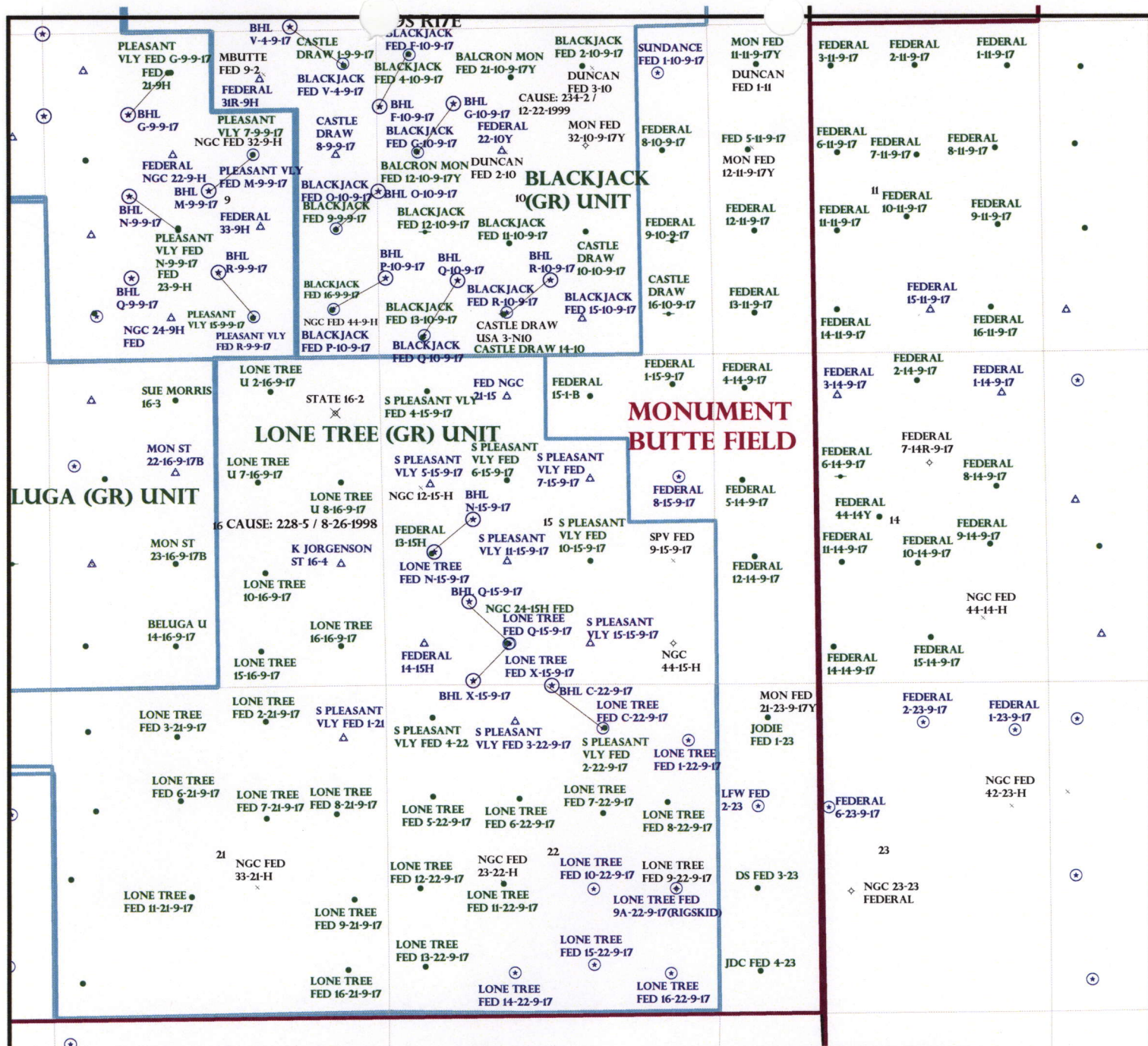
Eff Date: 8-26-1998

Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1-Federal Approved



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 15,22 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-5 / 8-26-1998



March 12, 2008

State of Utah, Division of Oil, Gas and Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Directional Drilling  
**Lone Tree Federal N-15-9-17**  
Lone Tree Unit  
UTU-77236X  
Surface Hole: T9S R17E, Section 15: NWSW  
786' FSL 2119' FWL  
Bottom Hole: T9S R17E, Section 15  
2640' FSL 1415' FWL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated March 7, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Lone Tree Federal Unit UTU-77236X. Newfield certifies that it is the Lone Tree Unit Operator and all lands within 460 feet of the entire directional well bore are within the Lone Tree Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland  
Land Associate

RECEIVED

MAR 17 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-74805

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Lone Tree Unit

8. Lease Name and Well No.

Lone Tree Federal N-15-9-17

9. API Well No.

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 15, T9S R17E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NW/SW 786' FSL 2119' FWL

At proposed prod. zone 2640' FSL 1415' FWL

14. Distance in miles and direction from nearest town or post office\*

Approximately 17.6 miles southeast of Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

Approx. 1415' f/ise, 2640' f/unit

16. No. of Acres in lease

520.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

Approx. 1175'

19. Proposed Depth

5750'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5262' GL

22. Approximate date work will start\*

2 nd Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized officer.

25. Signature

Title

Regulatory Specialist

Name (Printed/Typed)

Mandie Crozier

Date

3/7/08

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct  
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

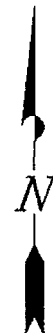
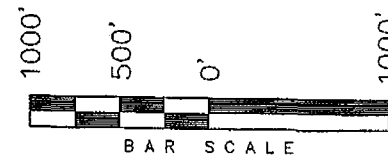
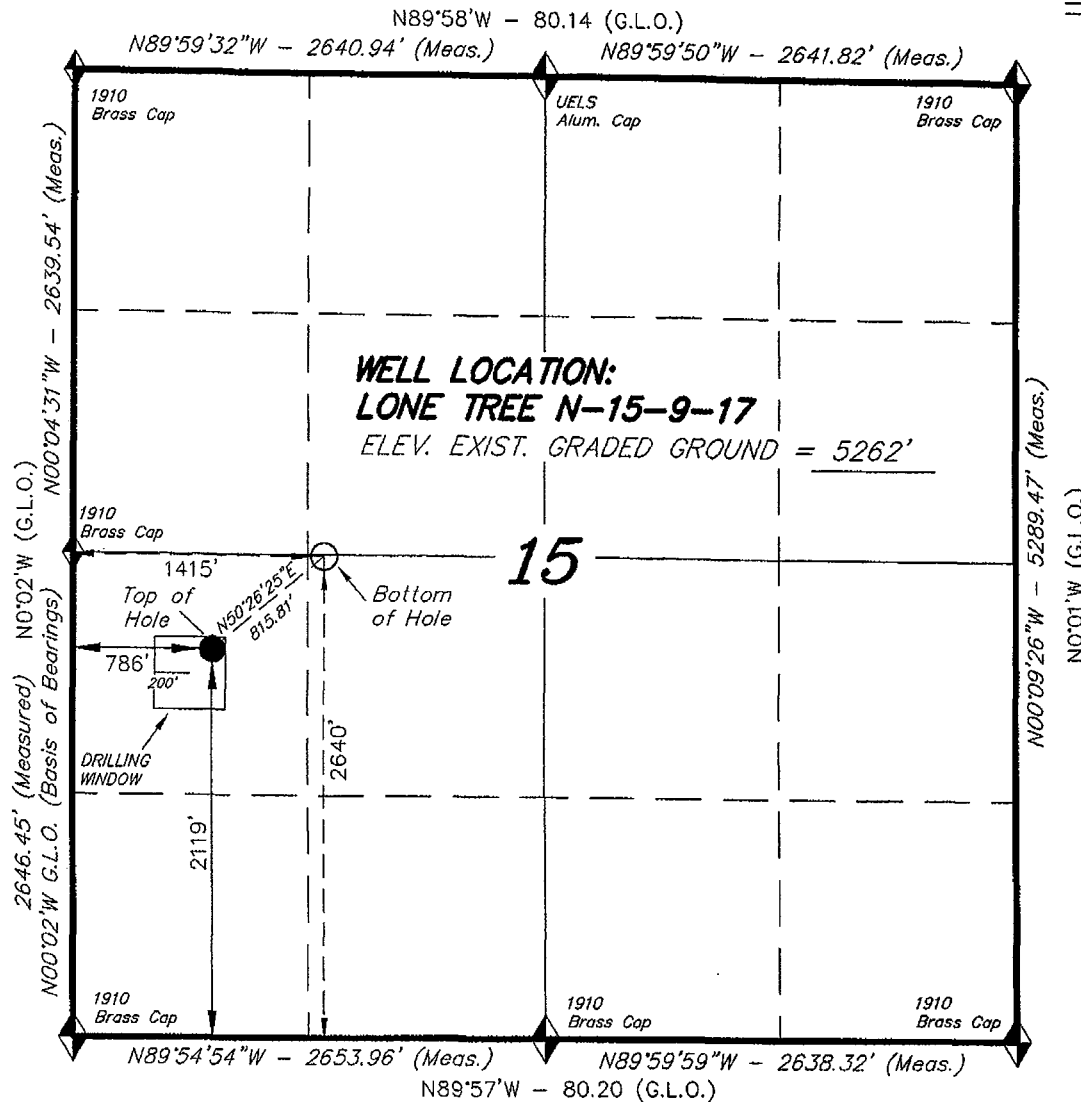
MAR 17 2008

DIV. OF OIL, GAS & MINING

**T9S, R17E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, LONE TREE N-15-9-17,  
LOCATED AS SHOWN IN THE NW 1/4 SW  
1/4 OF SECTION 15, T9S, R17E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 44235  
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

**LONE TREE N-15-9-17**  
(Surface Location) NAD 83  
LATITUDE = 40° 01' 46.24"  
LONGITUDE = 109° 59' 57.72"

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 11-29-07	SURVEYED BY: T.H.
DATE DRAWN: 12-12-07	DRAWN BY: F.T.M.
REVISED: 02-08-08 L.C.S.	SCALE: 1" = 1000'

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

March 24, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2008 Plan of Development Lone Tree Unit,  
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Lone Tree Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33932	Lone Tree Fed X-15-9-17	Sec 15 T09S R17E 0641 FSL 1942 FWL BHL Sec 15 T09S R17E 0050 FSL 1360 FWL
43-013-33933	Lone Tree Fed N-15-9-17	Sec 15 T09S R17E 2119 FSL 0786 FWL BHL Sec 15 T09S R17E 2640 FSL 1415 FWL
43-013-33934	Lone Tree Fed C-22-9-17	Sec 22 T09S R17E 0718 FNL 1795 FEL BHL Sec 22 T09S R17E 0025 FNL 2602 FEL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Lone Tree Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:3-24-08





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

March 24, 2008

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Lone Tree Federal N-15-9-17 Well, Surface Location 2119' FSL, 786' FWL, NW SW, Sec. 15, T. 9 South, R. 17 East, Bottom Location 2640' FSL, 1415' FWL, NE SW, Sec. 15, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33933.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company  
Well Name & Number Lone Tree Federal N-15-9-17  
API Number: 43-013-33933  
Lease: UTU-74805

Surface Location: NW SW      Sec. 15      T. 9 South      R. 17 East  
Bottom Location: NE SW      Sec. 15      T. 9 South      R. 17 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281      (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

MAR 14 2008

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
UTU-74805

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
Lone Tree Unit

8. Lease Name and Well No.  
Lone Tree Federal N-15-9-17

9. API Well No.  
43 013 33933

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec. 15, T9S R17E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Newfield Production Company

3a. Address  
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface NW/SW 2119' FSL 786' FWL  
At proposed prod. zone 2640' FSL 1415' FWL

5. Distance in miles and direction from nearest town or post office\*  
Approximately 17.6 miles southeast of Myton, Utah

6. Distance from proposed\* location to nearest property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1415' f/lse, 2640' f/unit

16. No. of Acres in lease  
520.00

17. Spacing Unit dedicated to this well  
20 Acres

8. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.  
Approx. 1175'

19. Proposed Depth  
5750'

20. BLM/BIA Bond No. on file  
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5262' GL

22. Approximate date work will start\*  
2nd Quarter 2008

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
*Mandie Crozier*  
Title: Regulatory Specialist

Name (Printed/Typed)  
Mandie Crozier

Date  
3/7/08

Approved by (Signature)  
*Terry Kewella*  
Title: Assistant Field Manager  
Lands & Mineral Resources

Name (Printed/Typed)  
Terry Kewella

Date  
5-14-2008

Office  
VERNAL FIELD OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

MAY 27 2008

DIV. OF OIL, GAS & MINING

nos 01/08/2008

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company  
Well No: Lone Tree Federal N-15-9-17  
API No: 43-013-33933

Location: NWSW, Sec. 15, T9S, R17E  
Lease No: UTU-74805  
Agreement: Lone Tree Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
Supervisory NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Herford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**Site Specific COA's:**

- Stipulations (field review and RMP): None.
- Lease Notices from the RMP:
  1. The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Comments:
  1. GIS data shows the project area is within Mountain Plover nesting habitat. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required, Mountain Plover timing restrictions were not applied.
  2. During the onsite it was evident that scattered complexes of White-tailed prairie dog colonies (Burrowing Owl nesting habitat) were in the area. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required, Burrowing Owl timing restrictions were not applied.

**CONDITIONS OF APPROVAL:**

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- **No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. *Sclerocactus* spp. surveys may be required prior to new surface disturbing activities including pipelines (surface and buried).**
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.

- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.
- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1<sup>st</sup> until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"
Forage Kochia	<i>Kochia prostrates</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.



- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).

- Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
  - All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
  - Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
  - All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
  - Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
  - A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
  - Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of

a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED N-15-9-17

Api No: 43-013-33933 Lease Type: FEDERAL

Section 15 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 10/04/08

Time

How DRY

***Drilling will Commence:***

Reported by SEAN STEVENS

Telephone # (435) 823-1162

Date 10/08//08 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

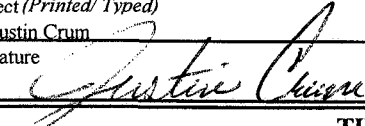
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-74805
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or LONE TREE UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 786 FSL 2119 FWL NWSW Section 15 T9S R17E		8. Well Name and No. Lone Tree Federal N-15-9-17
		9. API Well No. 4301333933
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/6/08 MIRU NDSI NS # 1. Spud well @ 11:30 AM. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 309.49 KB. On 10/9/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 10/12/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**OCT 16 2008**

**DIV. OF OIL, GAS & MINING**

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 309.49

LAST CASING 8 5/8" SET AT 309.49  
 DATUM 12 KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 330 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL LT N-15-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		WHI - 92 csg head			8rd	A	0.95
8	8 5/8"	Maverick ST&C csg (shoe joint 44.20')	24#	J-55	8rd	A	297.64
1		Guide shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	299.49
TOTAL LENGTH OF STRING	299.49	8	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>309.49</b> KB
TOTAL	297.64	-	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	297.64	-		
TIMING	1ST STAGE			
Spud	10/6/2008	10:15 AM	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	10/7/2008		Bbls CMT CIRC TO SURFACE	6
BEGIN CIRC	10/9/2008	7:42 AM	RECIPROCATED PIPE FOR	N/A
BEGIN PUMP CMT	10/9/2008	7:55 AM		
BEGIN DSPL. CMT	10/9/2008	8:07 AM	BUMPED PLUG TO	750 PSI
PLUG DOWN	10/9/2008	8:10 AM		

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Justin Crum DATE 9/10/2008

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417 ✓	4301333933	LONE TREE FEDERAL N-15-9-17	NWSW	15	9S	17E	DUCHESNE	10/6/2008	10/27/08
WELL 1 COMMENTS: GRRV BHL = NESW											
B	99999	12417 ✓	4304733934	LONE TREE C-22-9-17	NWNE	22	9S	17E	UINTAH	10/13/2008	10/27/08
WELL 2 COMMENTS: GRRV 4301333934 BHL = NWNE DUCHESNE											
A	99999	17140	4301333742	UTE TRIBAL 11-24-4-2	NESW	24	4S	2W	UINTAH	10/14/2008	10/27/08
WELL 3 COMMENTS: GRRV DUCHESNE											
B	99999	12308 ✓	4301333819	SANDWASH Q-31-8-17	NWSW	31	8S	17E	DUCHESNE	10/14/2008	10/27/08
WELL 4 COMMENTS: GRRV BHL = NWSW											
A	99999	17141	4304739631	FEDERAL 8-29-9-18	SENE	29	9S	18E	UINTAH	10/9/2008	10/27/08
WELL 5 COMMENTS: GRRV											
B	99999	11492 ✓	4301334010	JONAH FEDERAL S-12-9-16	SESE	12	9S	16E	DUCHESNE	10/15/2008	10/27/08
WELL 6 COMMENTS: GRRV BHL = SWSE											

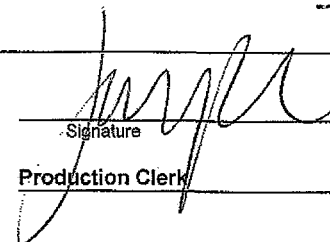
ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature:   
Production Clerk: JENTRI PARK  
Date: 10/15/08



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74805

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:  
OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 786 FSL 2119 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 15, T9S, R17E STATE: UT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
LONE TREE UNIT

8. WELL NAME and NUMBER:  
Lone Tree Federal N-15-9-17

9. API NUMBER:  
4301333933

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 11/26/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 11/05/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 11/26/2008

(This space for State use only)

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DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**LONETREE N-15-9-17****9/1/2008 To 1/30/2009****10/28/2008 Day: 1****Completion**

Rigless on 10/27/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5758' cement top @ 110'. Perforate stage #1. CP3 sds @ 5494- 5510' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. 139 BWTR. SIFN.

**10/31/2008 Day: 2****Completion**

Rigless on 10/30/2008 - Day 2a, Stage #1 CP3 sds. RU BJ Services. 55 psi on well. Frac CP3 sds w/ 45,056#'s of 20/40 sand in 454 bbls of Lightning 17 fluid. Broke @ 2998 psi. Treated w/ ave pressure of 1945 psi w/ ave rate of 22.4 BPM. ISIP 1810 psi. Leave pressure on well. 593 BWTR. See day 2b. Day 2b, Stage #2 CP1/CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6', 7', 14' perf guns. Set plug @ 5430'. Perforate CP2 sds @ 5404-14 & CP1 sds @ 5359-66' & 5350-56' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 108 shots. RU BJ Services. 1595 psi on well. Frac CP1/CP2 sds w/ 60,246#'s of 20/40 sand in 520 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 1814 psi w/ ave rate of 22.6 BPM. ISIP 1932 psi. Leave pressure on well. 1113 BWTR. See day 2c. Day 2c, Stage #3 A3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 13' perf gun. Set plug @ 5050'. Perforate A3 sds @ 4946-59' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 52 shots. RU BJ Services. 1643 psi on well. Frac A3 sds w/ 44,707#'s of 20/40 sand in 441 bbls of Lightning 17 fluid. Broke @ 4079 psi. Treated w/ ave pressure of 1727 psi w/ ave rate of 22.5 BPM. ISIP 1781 psi. Leave pressure on well. 1554 BWTR. See day 2d. Day 2c, Stage #3 A3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 13' perf gun. Set plug @ 5050'. Perforate A3 sds @ 4946-59' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 52 shots. RU BJ Services. 1643 psi on well. Frac A3 sds w/ 44,707#'s of 20/40 sand in 441 bbls of Lightning 17 fluid. Broke @ 4079 psi. Treated w/ ave pressure of 1727 psi w/ ave rate of 22.5 BPM. ISIP 1781 psi. Leave pressure on well. 1554 BWTR. See day 2d. Day 2d, Stage #4 B.5/B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 5', 26' perf guns. Set plug @ 4840'. Perforate B2 sds @ 4770-96' & B.5 sds @ 4716-21' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 124 shots. RU BJ Services. 1491 psi on well. Frac B.5/B2 sds w/ 57,735#'s of 20/40 sand in 491 bbls of Lightning 17 fluid. Broke @ 1876 psi. Treated w/ ave pressure of 1835 psi w/ ave rate of 22.6 BPM. ISIP 2159 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs. & turned to oil. SWIFN.

**11/3/2008 Day: 3****Completion**

Western #1 on 11/2/2008 - RU Lone Wolf WL. Set Weatherford solid Composite plug @ 4700'. RD Lone Wolf. RU Western #1. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 151 jts new 2 7/8" tbg. from pipe rack (tallying & drifting). RU pump & lines.

- Circulate well clean. SWIFN.

---

**11/4/2008 Day: 4****Completion**

Western #1 on 11/3/2008 - RIH w/ tbg. Tag CBP @ 4700'. RU powerswivel. DU CBP in 8 min. Cont. RIH w/ tbg. Tag CBP @ 4840'. DU CBP in 37 min. Cont. RIH w/ tbg. Tag CBP @ 5050'. DU CBP in 32 min. Cont. RIH w/ tbg. Tag CBP @ 5430'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 5500'. C/O to PBTD @ 5826'. Circulate well clean. Pull up to 5740'. RIH w/ swab. Made 3 runs & well started flowing. Flowed 70 bbls & died. SWIFN.

---

**11/5/2008 Day: 5****Completion**

Western #1 on 11/4/2008 - Bleed off well. Circulate to kill well. RIH w/ tbg. Tag PBTD @ 5826'. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg., 5 1/2" TAC, 177 jts 2 7/8" tbg. ND BOP. Set TAC @ 5449' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI rod pump, shear coupler, 4- 1 1/2" weight bars, 160- 7/8" guided rods. SWIFN.

---

**11/6/2008 Day: 6****Completion**

Western #1 on 11/5/2008 - Bleed off well. Cont. RIH w/ rods. Seat pump. RU pumping unit. Hang off rods. Stroke test to 800 psi. Good pump action. Put well on production @ 1:00 p.m. 122" stroke length, 3 spm. Final Report.

---

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						5. Lease Serial No. <b>UTU-74805</b>																																																																																												
2. Name of Operator <b>NEWFIELD EXPLORATION COMPANY</b>						6. If Indian, Allottee or Tribe Name <b>NA</b>																																																																																												
3. Address <b>1401 17TH ST. SUITE 1000 DENVER, CO 80202</b>						7. Unit or CA Agreement Name and No. <b>LONETREE UNIT</b>																																																																																												
3a. Phone No. (include area code) <b>(435)646-3721</b>						8. Lease Name and Well No. <b>LONETREE FEDERAL N-15-9-17</b>																																																																																												
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>2119' FSL &amp; 786' FWL (NW/SW) SEC. 15, T9S, R17E</b>  At top prod. interval reported below  At total depth <b>5875' 2593 fml 1519 fwl per HSM review</b>						9. AFI Well No. <b>43-013-33933</b>																																																																																												
14. Date Spudded <b>10/09/2008</b>						10. Field and Pool or Exploratory <b>MONUMENT BUTTE</b>																																																																																												
15. Date T.D. Reached <b>10/14/2008</b>						11. Sec., T., R., M., on Block and Survey or Area <b>SEC. 15, T9S, R17E</b>																																																																																												
16. Date Completed <b>11/05/2008</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						12. County or Parish <b>DUCHESNE</b>																																																																																												
17. Elevations (DF, RKB, RT, GL)* <b>5262' GL 5274' KB</b>						13. State <b>UT</b>																																																																																												
18. Total Depth: MD <b>5875'</b> TVD <b>5755'</b>						19. Plug Back T.D.: MD <b>5826'</b> TVD <b>5738'</b>																																																																																												
20. Depth Bridge Plug Set: MD TVD						21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND</b>																																																																																												
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)						23. Casing and Liner Record (Report all strings set in well)																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Hole Size</th> <th>Size/Grade</th> <th>Wt. (#/ft.)</th> <th>Top (MD)</th> <th>Bottom (MD)</th> <th>Stage Cementer Depth</th> <th>No. of Sk. &amp; Type of Cement</th> <th>Slurry Vol. (BBL)</th> <th>Cement Top*</th> <th>Amount Pulled</th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8" J-55</td> <td>24#</td> <td></td> <td>310'</td> <td></td> <td>160 CLASS G</td> <td></td> <td>110'</td> <td></td> </tr> <tr> <td>7-7/8"</td> <td>5-1/2" J-55</td> <td>15.5#</td> <td></td> <td>5869'</td> <td></td> <td>300 PRIMLITE</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>400 50/50 POZ</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>									Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled	12-1/4"	8-5/8" J-55	24#		310'		160 CLASS G		110'		7-7/8"	5-1/2" J-55	15.5#		5869'		300 PRIMLITE										400 50/50 POZ																																																					
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24. Tubing Record																																																																																																		
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)																																																																																										
2-7/8"	EOT@ 5577'	TA @ 5449'																																																																																																
25. Producing Intervals																																																																																																		
Formation			Top	Bottom	26. Perforation Record																																																																																													
					Perforated Interval	Size	No. Holes	Perf. Status																																																																																										
A) <b>GIRRV</b>					(CP3) 5494-5510'	.49"	4	64																																																																																										
B) <b>per operator</b>					(CP2) 5404-14' (CP1) 5359-3	.49"	4	108																																																																																										
C)					(A3) 4946-59'	.49"	4	52																																																																																										
D)					(B2) 4770-4796 (B.5) 4716-21	.49"	4	124																																																																																										
27. Acid, Fracture, Treatment, Cement Squeeze, etc.																																																																																																		
Depth Interval			Amount and Type of Material																																																																																															
5494-5510'			Frac w/ 45056# of 20/40 snd 454 bbls fluid																																																																																															
5350-5414'			Frac w/ 60246# 20/40 snd 520 bbls fluid																																																																																															
4946-4959'			Frac w/ 44707# 20/40 snd 441 bbls fluid																																																																																															
4716-4796'			Frac w/ 57735# 20/40 snd 491 bbls fluid																																																																																															
28. Production - Interval A																																																																																																		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method																																																																																									
11/05/08	11/16/08	24	→	118	20	38			2 1/2" X 1 3/4" X 20' X 20.5'																																																																																									
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status																																																																																										
			→					PRODUCING																																																																																										
28a. Production - Interval B																																																																																																		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method																																																																																									
			→																																																																																															
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status																																																																																										
			→																																																																																															

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3471' 3666'
				GARDEN GULCH 2 POINT 3	3776' 4054'
				X MRKR Y MRKR	4288' 4322'
				DOUGALS CREEK MRK BI CARBONATE MRK	4450' 4688'
				B LIMESTON MRK CASTLE PEAK	4816' 5300'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5722' 5875'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tammi LeeTitle Production ClerkSignature Date 11/24/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

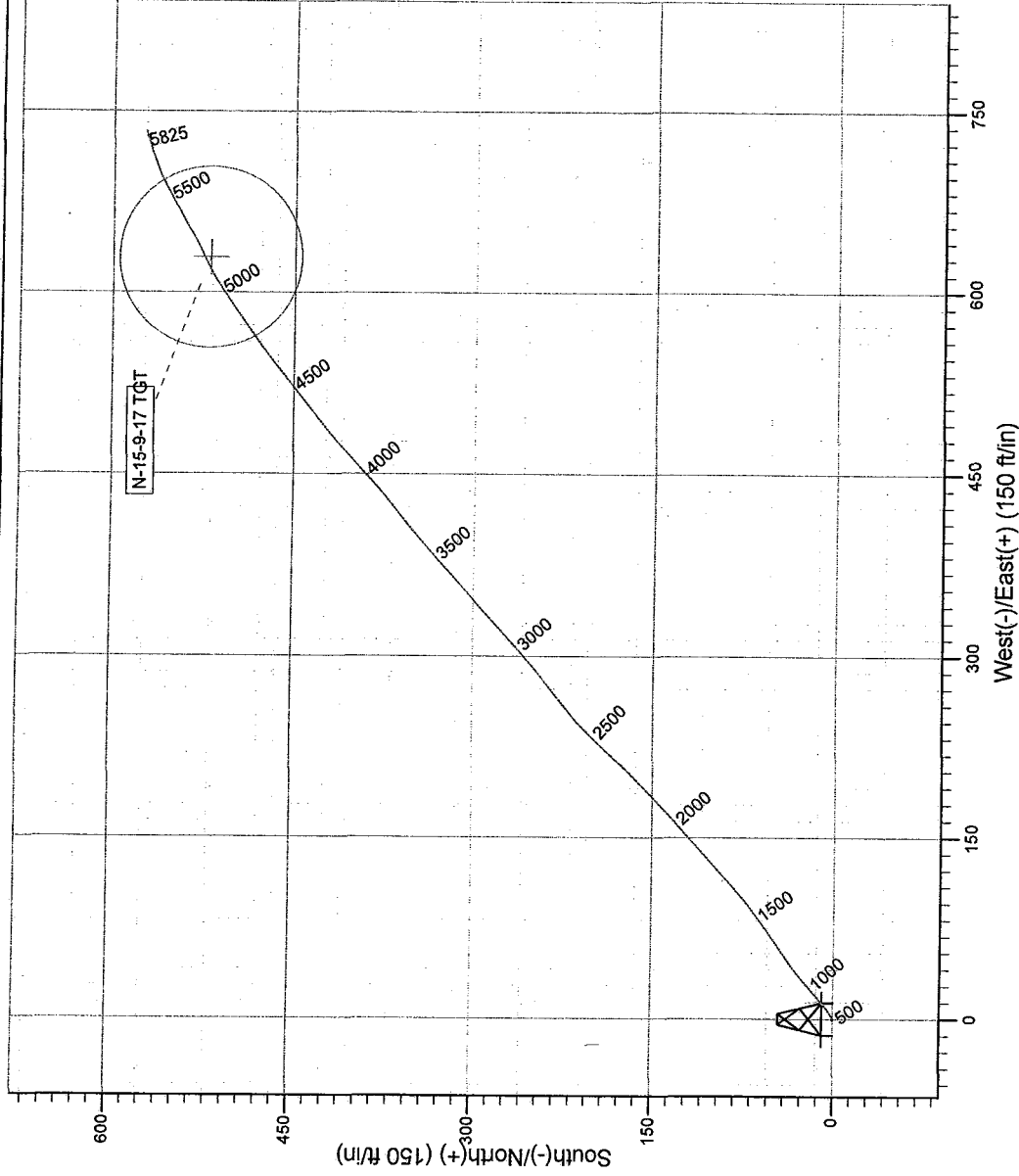
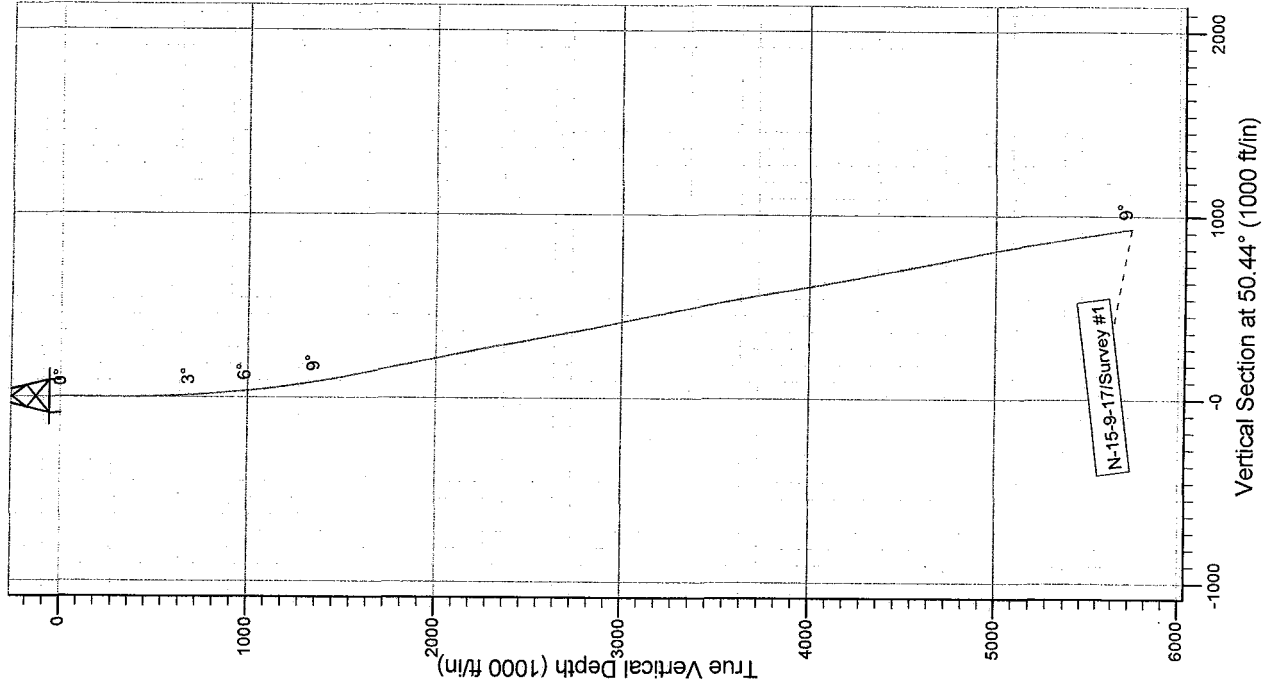
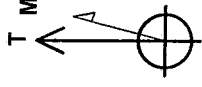
(Form 3160-4, page 2)



Project: USGS Myton SW (UT)  
Site: SECTION 15  
Well: N-15-9-17  
Wellbore: Wellbore #1  
Design: Wellbore #1

FINAL SURVEY REPORT

Azimuths to True North  
Magnetic North: 11.61°  
Magnetic Field  
Strength: 52564.7 nT  
Dip Angle: 65.87°  
Date: 2008/10/08  
Model: IGRF200510



**HATHAWAY**  
DIRECTIONAL & MWD SERVICES

Survey: Survey #1 (N-15-9-17/Wellbore #1)

Created By: *Jim Hudson* Date: 8:44, October 20 2008  
THIS SURVEY IS CORRECT TO THE BEST OF MY  
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD  
DATA.

**NEWFIELD**



## **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 15**

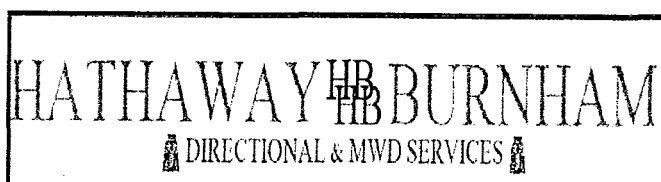
**N-15-9-17**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

**20 October, 2008**





## Hathaway Burnham

## Survey Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 15  
**Well:** N-15-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well N-15-9-17  
**TVD Reference:** N-15-9-17 @ 5277.0ft (RIG #1)  
**MD Reference:** N-15-9-17 @ 5277.0ft (RIG #1)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

<b>Project</b>	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		Using geodetic scale factor

**Site** SECTION 15, SEC 15 T9S, R17E

**Site Position:**  
**From:** Lat/Long **Northing:** 7,182,997.99ft **Latitude:** 40° 1' 46.007 N  
**Position Uncertainty:** 0.0 ft **Easting:** 2,062,000.00ft **Longitude:** 109° 59' 39.695 W  
**Slot Radius:** " **Grid Convergence:** 0.96 °

**Well** N-15-9-17, SUR. LAT: 40 01 46.24, LONG: -109 59 57.72  
**Well Position** +N/-S 0.0 ft **Northing:** 7,182,997.99 ft **Latitude:** 40° 1' 46.240 N  
 +E/-W 0.0 ft **Easting:** 2,060,597.76 ft **Longitude:** 109° 59' 57.720 W  
**Position Uncertainty** 0.0 ft **Wellhead Elevation:** ft **Ground Level:** 0.0 ft

**Wellbore** Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2008/10/08	11.62	65.87	52,565

**Design** Wellbore #1

**Audit Notes:**

**Version:** 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	50.44

**Survey Program** Date 2008/10/20

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
394.0	5,825.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
394.0	0.22	104.71	394.0	-0.2	0.7	0.4	0.06	0.06	0.00
455.0	0.81	58.28	455.0	0.0	1.2	0.9	1.11	0.97	-76.11
486.0	1.27	57.03	486.0	0.3	1.7	1.5	1.49	1.48	-4.03
516.0	2.15	53.14	516.0	0.8	2.4	2.4	2.96	2.93	-12.97
547.0	2.68	51.47	546.9	1.6	3.4	3.7	1.72	1.71	-5.39
578.0	2.86	53.91	577.9	2.5	4.6	5.2	0.69	0.58	7.87
608.0	2.88	53.45	607.9	3.4	5.8	6.7	0.10	0.07	-1.53
639.0	2.77	54.50	638.8	4.3	7.1	8.2	0.39	-0.35	3.39
670.0	3.05	55.54	669.8	5.2	8.4	9.8	0.92	0.90	3.35
700.0	3.23	55.16	699.8	6.2	9.7	11.4	0.60	0.60	-1.27
731.0	3.60	51.58	730.7	7.3	11.2	13.3	1.38	1.19	-11.55
762.0	3.70	51.45	761.6	8.5	12.8	15.2	0.32	0.32	-0.42





**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 15  
**Well:** N-15-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well N-15-9-17  
**TVD Reference:** N-15-9-17 @ 5277.0ft (RIG #1)  
**MD Reference:** N-15-9-17 @ 5277.0ft (RIG #1)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
793.0	4.06	48.88	792.6	9.8	14.4	17.3	1.29	1.16	-8.29
822.0	4.13	48.88	821.5	11.2	15.9	19.4	0.24	0.24	0.00
853.0	4.33	48.94	852.4	12.7	17.6	21.7	0.65	0.65	0.19
884.0	4.60	47.79	883.3	14.3	19.4	24.1	0.92	0.87	-3.71
915.0	4.93	47.01	914.2	16.0	21.3	26.7	1.08	1.06	-2.52
947.0	5.65	48.06	946.1	18.0	23.5	29.6	2.27	2.25	3.28
978.0	6.11	47.73	976.9	20.2	25.9	32.8	1.49	1.48	-1.06
1,009.0	6.15	48.26	1,007.7	22.4	28.3	36.1	0.22	0.13	1.71
1,040.0	6.22	48.59	1,038.5	24.6	30.8	39.4	0.25	0.23	1.06
1,072.0	6.55	49.10	1,070.3	26.9	33.5	43.0	1.05	1.03	1.59
1,103.0	6.90	50.06	1,101.1	29.3	36.3	46.6	1.19	1.13	3.10
1,134.0	7.58	53.38	1,131.9	31.7	39.3	50.5	2.57	2.19	10.71
1,165.0	8.04	54.46	1,162.6	34.2	42.8	54.7	1.56	1.48	3.48
1,197.0	8.28	55.31	1,194.3	36.8	46.5	59.3	0.84	0.75	2.66
1,228.0	8.28	55.45	1,225.0	39.3	50.1	63.7	0.07	0.00	0.45
1,259.0	8.11	55.99	1,255.6	41.8	53.8	68.1	0.60	-0.55	1.74
1,290.0	8.46	55.23	1,286.3	44.3	57.5	72.6	1.18	1.13	-2.45
1,321.0	8.72	55.25	1,317.0	47.0	61.3	77.2	0.84	0.84	0.06
1,352.0	9.07	54.61	1,347.6	49.7	65.2	82.0	1.17	1.13	-2.06
1,384.0	9.47	54.48	1,379.2	52.7	69.4	87.1	1.25	1.25	-0.41
1,413.0	10.00	54.00	1,407.8	55.6	73.4	92.0	1.85	1.83	-1.66
1,444.0	10.52	53.82	1,438.3	58.9	77.8	97.5	1.68	1.68	-0.58
1,475.0	11.23	54.28	1,468.7	62.3	82.6	103.3	2.31	2.29	1.48
1,506.0	11.80	53.86	1,499.1	65.9	87.6	109.5	1.86	1.84	-1.35
1,600.0	12.48	49.14	1,591.0	78.2	103.0	129.3	1.28	0.72	-5.02
1,694.0	11.45	47.78	1,682.9	91.1	117.6	148.7	1.14	-1.10	-1.45
1,787.0	11.84	48.57	1,774.0	103.7	131.6	167.5	0.45	0.42	0.85
1,881.0	12.59	48.46	1,865.9	116.8	146.5	187.4	0.80	0.80	-0.12
1,975.0	11.16	48.37	1,957.9	129.7	161.0	206.7	1.52	-1.52	-0.10
2,069.0	12.00	47.29	2,050.0	142.3	175.0	225.5	0.92	0.89	-1.15
2,162.0	12.99	46.70	2,140.8	156.1	189.7	245.6	1.07	1.06	-0.63
2,255.0	11.21	43.16	2,231.7	169.8	203.5	265.0	2.07	-1.91	-3.81
2,349.0	9.78	43.82	2,324.1	182.3	215.2	282.0	1.53	-1.52	0.70
2,443.0	10.40	43.95	2,416.7	194.1	226.7	298.4	0.66	0.66	0.14
2,538.0	11.23	42.66	2,510.0	207.1	238.9	316.1	0.91	0.87	-1.36
2,630.0	11.49	51.82	2,600.2	219.4	252.2	334.1	1.98	0.28	9.96
2,724.0	10.44	50.94	2,692.5	230.5	266.1	352.0	1.13	-1.12	-0.94
2,817.0	11.95	52.76	2,783.7	241.6	280.3	370.0	1.67	1.62	1.96
2,911.0	11.04	47.95	2,875.8	253.6	294.8	388.7	1.41	-0.97	-5.12
3,005.0	12.46	48.04	2,967.8	266.4	309.0	407.9	1.51	1.51	0.10
3,099.0	11.76	47.78	3,059.7	279.6	323.6	427.6	0.75	-0.74	-0.28
3,192.0	12.17	47.51	3,150.7	292.6	337.9	446.8	0.44	0.44	-0.29
3,286.0	11.47	49.90	3,242.7	305.3	352.3	466.1	0.91	-0.74	2.54
3,379.0	10.96	46.13	3,334.0	317.4	365.8	484.1	0.96	-0.55	-4.05
3,473.0	11.98	47.73	3,426.1	330.1	379.4	502.8	1.14	1.09	1.70
3,567.0	11.36	49.45	3,518.1	342.7	393.7	521.8	0.76	-0.66	1.83
3,660.0	10.42	49.56	3,609.5	354.1	407.1	539.4	1.01	-1.01	0.12
3,754.0	10.70	51.67	3,701.9	365.1	420.4	556.6	0.51	0.30	2.24
3,848.0	9.82	50.81	3,794.4	375.5	433.4	573.3	0.95	-0.94	-0.91
3,942.0	9.58	46.72	3,887.0	386.0	445.3	589.1	0.78	-0.26	-4.35
4,035.0	10.31	46.57	3,978.6	397.0	457.0	605.2	0.79	0.78	-0.16
4,128.0	11.16	50.57	4,070.0	408.4	470.0	622.5	1.21	0.91	4.30
4,222.0	10.90	49.80	4,162.3	419.9	483.8	640.5	0.32	-0.28	-0.82
4,316.0	10.02	51.53	4,254.7	430.8	497.0	657.5	0.99	-0.94	1.84



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 15  
**Well:** N-15-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well N-15-9-17  
**TVD Reference:** N-15-9-17 @ 5277.0ft (RIG #1)  
**MD Reference:** N-15-9-17 @ 5277.0ft (RIG #1)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,410.0	11.71	51.23	4,347.0	441.8	510.9	675.2	1.80	1.80	-0.32
4,503.0	10.35	52.98	4,438.3	452.8	524.9	693.0	1.51	-1.46	1.88
4,597.0	12.28	50.15	4,530.5	464.3	539.3	711.5	2.14	2.05	-3.01
4,691.0	11.12	54.06	4,622.5	476.0	554.3	730.5	1.49	-1.23	4.16
4,784.0	11.76	54.81	4,713.7	486.7	569.3	748.9	0.71	0.69	0.81
4,878.0	12.28	53.86	4,805.6	498.1	585.2	768.4	0.59	0.55	-1.01
4,972.0	11.69	56.37	4,897.5	509.3	601.2	787.9	0.84	-0.63	2.67
5,065.0	11.62	61.86	4,988.6	518.9	617.3	806.4	1.19	-0.08	5.90
5,159.0	10.81	66.41	5,080.8	526.9	633.8	824.2	1.28	-0.86	4.84
5,176.5	10.55	64.86	5,098.1	528.3	636.7	827.3	2.23	-1.51	-8.85
<b>N-15-9-17 TGT</b>									
5,253.0	9.49	57.14	5,173.4	534.7	648.3	840.4	2.23	-1.38	-10.09
5,346.0	9.05	63.27	5,265.2	542.1	661.3	855.1	1.16	-0.47	6.59
5,440.0	10.06	59.73	5,357.9	549.6	675.0	870.4	1.24	1.07	-3.77
5,533.0	9.49	61.38	5,449.5	557.3	688.8	886.0	0.68	-0.61	1.77
5,627.0	9.21	68.91	5,542.3	563.8	702.6	900.7	1.33	-0.30	8.01
5,721.0	9.88	71.90	5,635.0	569.0	717.3	915.3	0.89	0.71	3.18
5,825.0	8.42	77.66	5,737.6	573.4	733.2	930.4	1.66	-1.40	5.54

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

H        HEADER    INFORMATION-----  
H        COMPANY    :            NEWFIELD    EXPLORATION  
H        FIELD       :            USGS        Myton    SW        (UT)  
H        SITE        :            SECTION            15  
H        WELL        :            N-15-9-17  
H        WELLPATH: Wellbore    #1

H        DEPTHUNT: ft  
H        SURVDATE: 10/15/2008  
H        DECLINATION CORR.

H        =                    10.65 TO            GRIDH-----

H        WELL        INFORMATION

H        WELL        EW            MAP        :            2060598

H        WELL        NS            MAP        :            7182998

H        DATUM        ELEVN        :            5277

H        VSECT        ANGLE        :            50.44

H        VSECT        NORTH        :            0

H        VSECT        EAST        :            0

H-----

H        SURVEY        TYPE            INFORMATION

H                    394 -                    5825 SURVEY    #1        :            MWD

H-----

H        SURVEY        LIST

MD	INC	AZI	TVD	NS	EW	VS	DLS
	0	0	0	0	0	0	0
394	0.22	104.71	394	-0.19	0.73	0.44	0.06
455	0.81	58.28	455	0	1.21	0.94	1.11
486	1.27	57.03	485.99	0.31	1.69	1.5	1.49
516	2.15	53.14	515.98	0.83	2.42	2.39	2.96
547	2.68	51.47	546.95	1.63	3.45	3.69	1.72
578	2.86	53.91	577.91	2.53	4.64	5.19	0.69
608	2.88	53.45	607.88	3.42	5.85	6.69	0.1
639	2.77	54.5	638.84	4.32	7.09	8.21	0.39
670	3.05	55.54	669.8	5.22	8.38	9.78	0.92
700	3.23	55.16	699.75	6.16	9.73	11.42	0.6
731	3.6	51.58	730.7	7.26	11.21	13.26	1.38
762	3.7	51.45	761.64	8.49	12.75	15.24	0.32
793	4.06	48.88	792.56	9.83	14.36	17.33	1.29
822	4.13	48.88	821.49	11.2	15.92	19.4	0.24
853	4.33	48.94	852.41	12.7	17.64	21.69	0.65
884	4.6	47.79	883.31	14.3	19.45	24.1	0.92
915	4.93	47.01	914.2	16.05	21.34	26.67	1.08
947	5.65	48.06	946.07	18.04	23.52	29.62	2.27
978	6.11	47.73	976.9	20.17	25.88	32.79	1.49
1009	6.15	48.26	1007.73	22.38	28.33	36.1	0.22
1040	6.22	48.59	1038.55	24.6	30.83	39.44	0.25
1072	6.55	49.1	1070.35	26.94	33.51	42.99	1.05
1103	6.9	50.06	1101.14	29.29	36.28	46.62	1.19

1134	7.58	53.38	1131.89	31.71	39.35	50.53	2.57
1165	8.04	54.46	1162.6	34.19	42.75	54.73	1.56
1197	8.28	55.31	1194.28	36.8	46.47	59.26	0.84
1228	8.28	55.45	1224.95	39.34	50.14	63.71	0.07
1259	8.11	55.99	1255.64	41.82	53.79	68.11	0.6
1290	8.46	55.23	1286.31	44.35	57.48	72.56	1.18
1321	8.72	55.25	1316.97	46.99	61.28	77.17	0.84
1352	9.07	54.61	1347.59	49.74	65.2	81.95	1.17
1384	9.47	54.48	1379.17	52.73	69.4	87.09	1.25
1413	10	54	1407.76	55.6	73.38	91.98	1.85
1444	10.52	53.82	1438.26	58.85	77.84	97.5	1.68
1475	11.23	54.28	1468.7	62.28	82.58	103.33	2.31
1506	11.8	53.86	1499.08	65.92	87.59	109.51	1.86
1600	12.48	49.14	1590.98	78.23	103.03	129.26	1.28
1694	11.45	47.78	1682.94	91.14	117.62	148.73	1.14
1787	11.84	48.57	1774.02	103.66	131.61	167.49	0.45
1881	12.59	48.46	1865.89	116.84	146.51	187.37	0.8
1975	11.16	48.37	1957.88	129.67	160.98	206.7	1.52
2069	12	47.29	2049.97	142.34	174.96	225.55	0.92
2162	12.99	46.7	2140.76	156.07	189.67	245.63	1.07
2255	11.21	43.16	2231.69	169.84	203.46	265.03	2.07
2349	9.78	43.82	2324.12	182.26	215.24	282.02	1.53
2443	10.4	43.95	2416.66	194.13	226.66	298.38	0.66
2538	11.23	42.66	2509.98	207.11	238.88	316.07	0.91
2630	11.49	51.82	2600.18	219.36	252.15	334.11	1.98
2724	10.44	50.94	2692.46	230.51	266.13	351.98	1.13
2817	11.95	52.76	2783.69	241.65	280.34	370.03	1.67
2911	11.04	47.95	2875.81	253.57	294.77	388.75	1.41
3005	12.46	48.04	2967.84	266.38	308.99	407.87	1.51
3099	11.76	47.78	3059.74	279.59	323.63	427.57	0.75
3192	12.17	47.51	3150.72	292.58	337.87	446.83	0.44
3286	11.47	49.9	3242.73	305.3	352.33	466.07	0.91
3379	10.96	46.13	3333.95	317.38	365.78	484.13	0.96
3473	11.98	47.73	3426.08	330.14	379.44	502.79	1.14
3567	11.36	49.45	3518.13	342.72	393.69	521.79	0.76
3660	10.42	49.56	3609.46	354.13	407.05	539.36	1.01
3754	10.7	51.67	3701.86	365.05	420.37	556.58	0.51
3848	9.82	50.81	3794.36	375.53	433.43	573.32	0.95
3942	9.58	46.72	3887.02	385.96	445.33	589.14	0.78
4035	10.31	46.57	3978.62	396.98	457.01	605.17	0.79
4128	11.16	50.57	4069.99	408.42	470.01	622.47	1.21
4222	10.9	49.8	4162.26	419.94	483.82	640.46	0.32
4316	10.02	51.53	4254.69	430.76	497.01	657.52	0.99
4410	11.71	51.23	4347.01	441.82	510.85	675.24	1.8
4503	10.35	52.98	4438.29	452.76	524.88	693.02	1.51
4597	12.28	50.15	4530.45	464.25	539.3	711.45	2.14
4691	11.12	54.06	4622.5	475.98	554.31	730.5	1.49

			TVD	N-S	EW		
4784	11.76	54.81	4713.65	486.7	569.32	748.9	0.71
4878	12.28	53.86	4805.59	498.12	585.22	768.43	0.59
4972	11.69	56.37	4897.54	509.29	601.22	787.88	0.84
5065	11.62	61.86	4988.63	518.93	617.33	806.43	1.19
5159	10.81	66.41	5080.83	526.92	633.76	824.19	1.28
5253	9.49	57.14	5173.37	534.65	648.34	840.36	2.23
5346	9.05	63.27	5265.16	542.1	661.32	855.11	1.16
5440	10.06	59.73	5357.85	549.57	675.01	870.42	1.24
5533	9.49	61.38	5449.5	557.33	688.76	885.96	0.68
5627	9.21	68.91	5542.26	563.75	702.58	900.7	1.33
5721	9.88	71.9	5634.95	568.96	717.26	915.34	0.89
5825	8.42	77.66	5737.63	573.36	733.18	930.42	1.66

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74805			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> LONE TREE FED N-15-9-17			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2119 FSL 0786 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 15 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013339330000			
<b>PHONE NUMBER:</b> 303 382-4443 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Newfield Production Company requests the approval of the recompletion of the D2 sand for the subject well. Please see the attached file for the detailed procedure and contact Paul Weddle at 303-383-4117 with any questions.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> <u>October 06, 2010</u> <b>By:</b> <u><i>Don K. Quist</i></u>			
<b>NAME (PLEASE PRINT)</b> Sam Styles		<b>PHONE NUMBER</b> 303 893-0102			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Engineering Tech  <b>DATE</b> 10/5/2010			

**Newfield Production Company****Lone Tree N-15-9-17****Procedure for:** OAP of D2 (down casing). Do Upon next RIG JOB.**Well Status:** See attached Wellbore Diagram**AFE #**

**Engineer:** Paul Weddle [pweddle@newfield.com](mailto:pweddle@newfield.com)  
mobile 720-233-1280  
office 303-383-4117

**PROCEDURE**

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,826**
- 3 RIH with WL set HE RBP. **Set RBP @ ~4630'.**
- 4 Pressure test casing to 4500psi for 10 minutes.  
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

<b>D2</b>	<b>4571-4573</b>	3spf	120deg phasing
<b>D2</b>	<b>4566-4568</b>	3spf	120deg phasing
<b>D2</b>	<b>4558-4560</b>	3spf	120deg phasing
- 5 POOH with perf gun. RD Wireline Truck only after perfs broken down. Be prepared to spot acid
- 7 RU frac equip and 5K Stinger frac head. Frac the **D2** down casing w/**45,000#** 20/40sand at **15** BPM with max sand concentration of **6** ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 RIH and Release Packer
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5502 and set TAC at ±5437' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-1/2" x 24' RHAC pump, 6 x 1-1/2" weight rods, 215 x 7/8" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

z



# LoneTree Fed N-15-9-17

Spud Date: 10/9/08

Put on Production: 11/5/08

GL: 5262' KB: 5274'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (299.49')

DEPTH LANDED: 309.49'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts (5871.46')

DEPTH LANDED: 5869.46'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx Primlite with 400 sx 50/50 Poz

CEMENT TOP AT: 110'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55

NO. OF JOINTS: 177 jts (5437.18')

TUBING ANCHOR: 5437.20'

NO. OF JOINTS: 2 jts (61.91')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5501.90'

NO. OF JOINTS: 2 jts. (61.10')

TOTAL STRING LENGTH: EOT @ 5564.10

### SUCKER RODS

POLISHED ROD: 1 1/2" x 26'

SUCKER RODS: 1-2', 4', 6' x 7/8" pony subs, 215- 7/8" guided rods (8 per), 4- 1 1/2" wt bars

PUMP SIZE: 2 1/2" x 1 3/4" x 20.5' RHAC rod pump- CDI

STROKE LENGTH: 122"

PUMP SPEED, SPM: 4

### FRAC JOB

**10/30/08 5494-5510' Frac CP3 sds as follows:**  
45,056#s of 20/40 sand in 454 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1945 psi w/ ave rate of 22.4 BPM. ISIP 1810 psi. Actual flush: 5074 gals.

**10/30/08 5350-5414' Frac CP1/CP2 sds as follows:**  
60,246#s of 20/40 sand in 520 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1814 psi w/ ave rate of 22.6 BPM. ISIP 1932 psi. Actual flush: 4759 gals.

**10/30/08 4946-4959' Frac A3 sds as follows:**  
44,707#s of 20/40 sand in 441 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1727 psi w/ ave rate of 22.5 BPM. ISIP 1781 psi. Actual flush: 4439 gals.

**10/30/08 4716-4796' Frac B.5/B2 sds as follows:**  
57,735#s of 20/40 sand in 491 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1835 psi w/ ave rate of 22.6 BPM. ISIP 2159 psi. Actual flush: 4628 gals.

03/30/10

Pump Change. Rod & Tubing detail updated.

Cement Top @ 110'

SN @ 5502

4716-4721'

4770-4796'

4946-4959'

5350-5356'

5359-5366'

5404-5414'

Anchor @ 5437'

5494-5510'

EOT @ 5564'

PBTD @ 5826'

SHOE @ 5869

TD @ 5564'

### PERFORATION RECORD

4716-4721'	4 JSPF	20 Holes
4770-4796'	4 JSPF	104 Holes
4946-4959'	4 JSPF	52 Holes
5350-5356'	4 JSPF	24 Holes
5359-5366'	4 JSPF	28 Holes
5404-5414'	4 JSPF	56 Holes
5494-5510'	4 JSPF	64 Holes



**LoneTree Fed N-15-9-17**  
2119' FSL & 786' FWL  
NW/SW Section 15-T9S-R17E  
Duchesne Co, Utah  
API #43-013-33933; Lease #UTU-74805

TW 07/01/10

**RECEIVED** October 05, 2010